

FIG.1

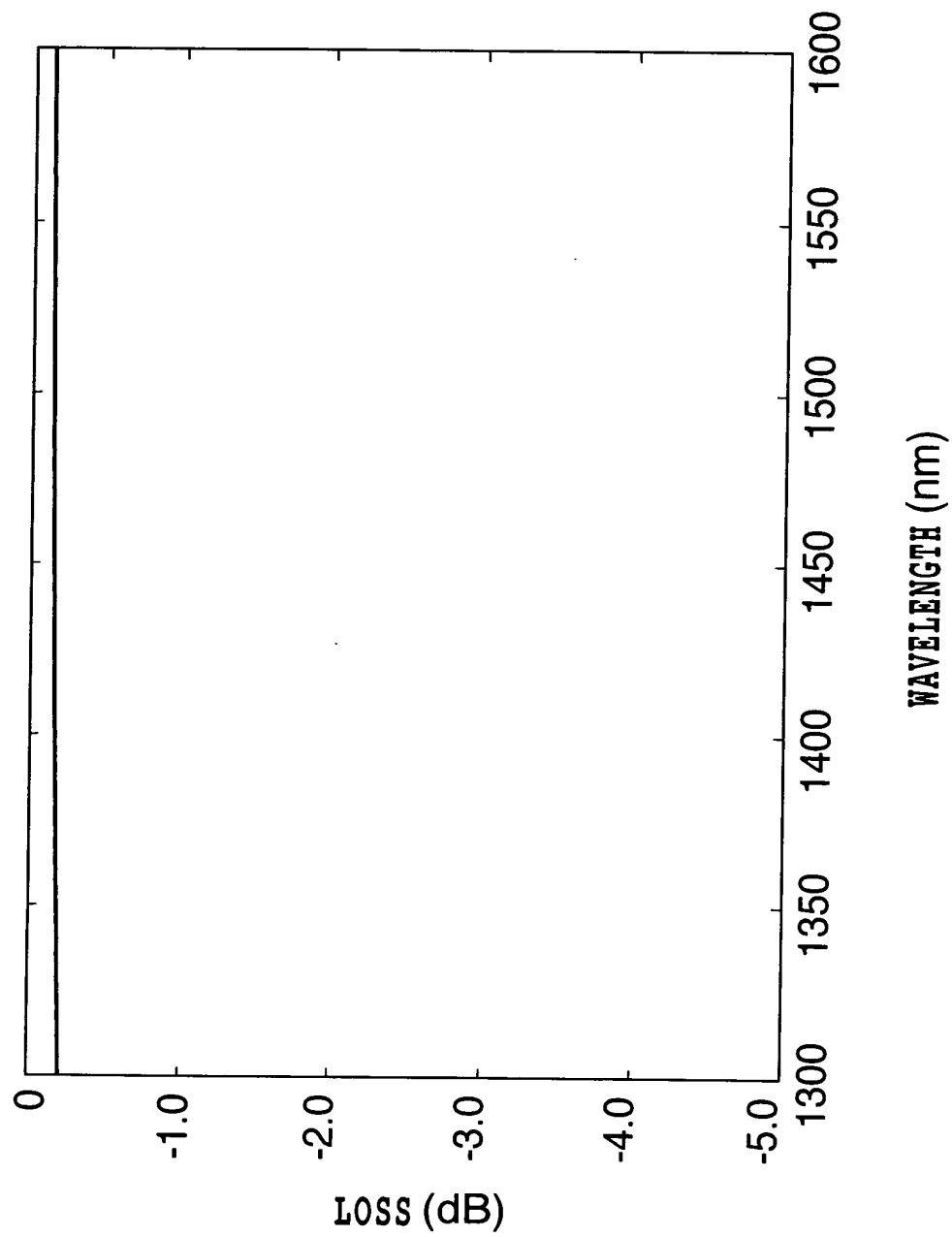
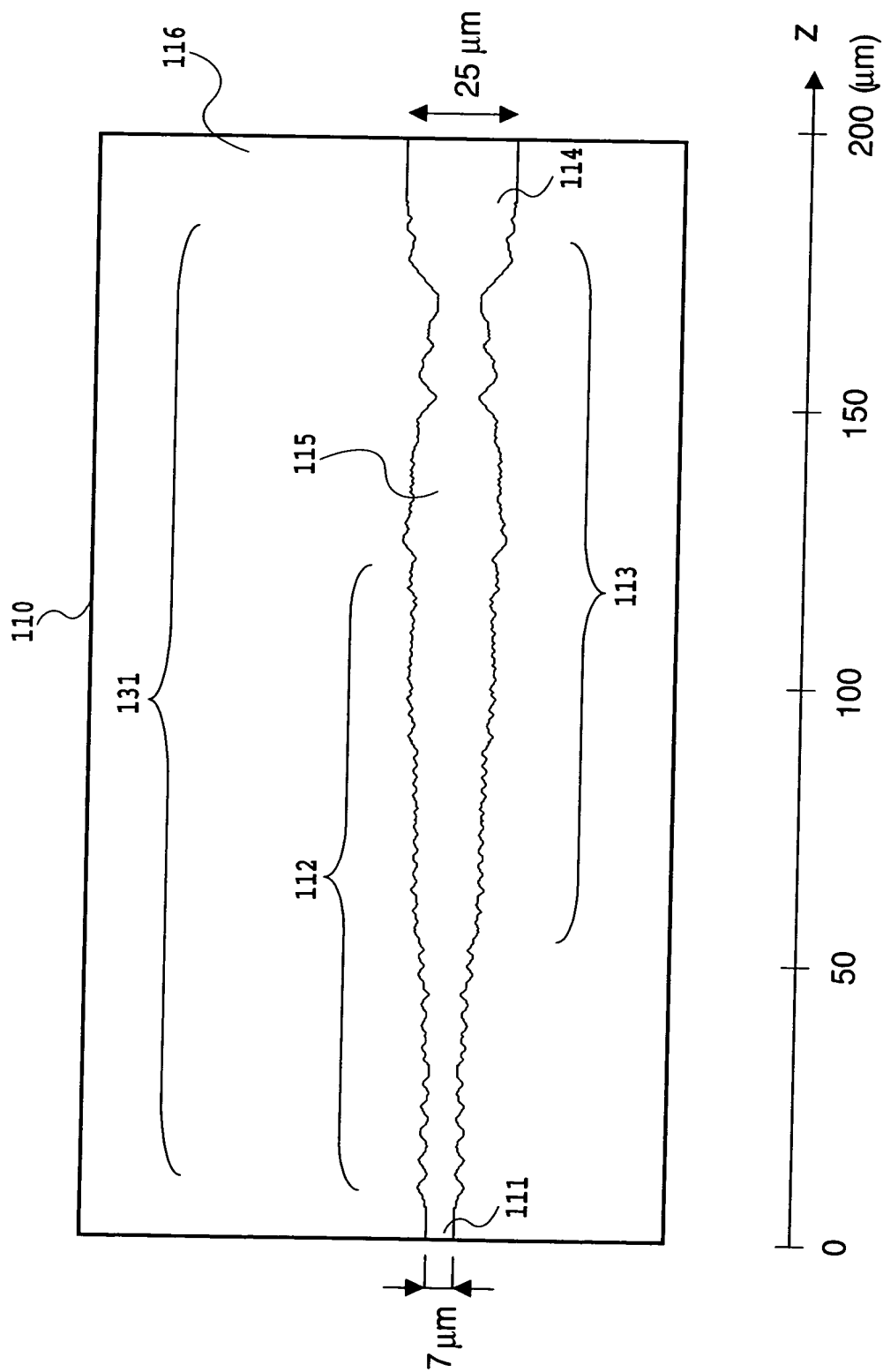


FIG.2



**FIG.3**

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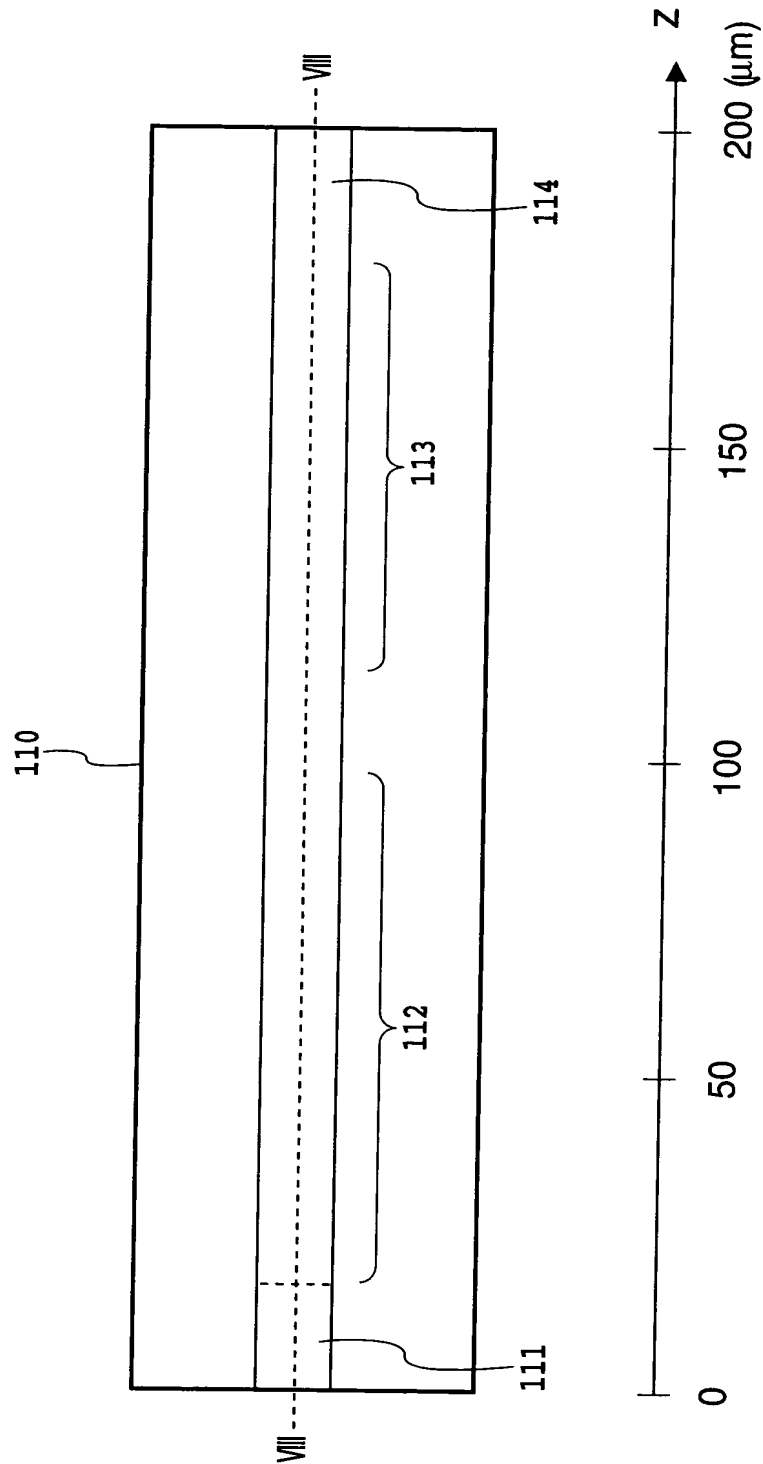


FIG.4

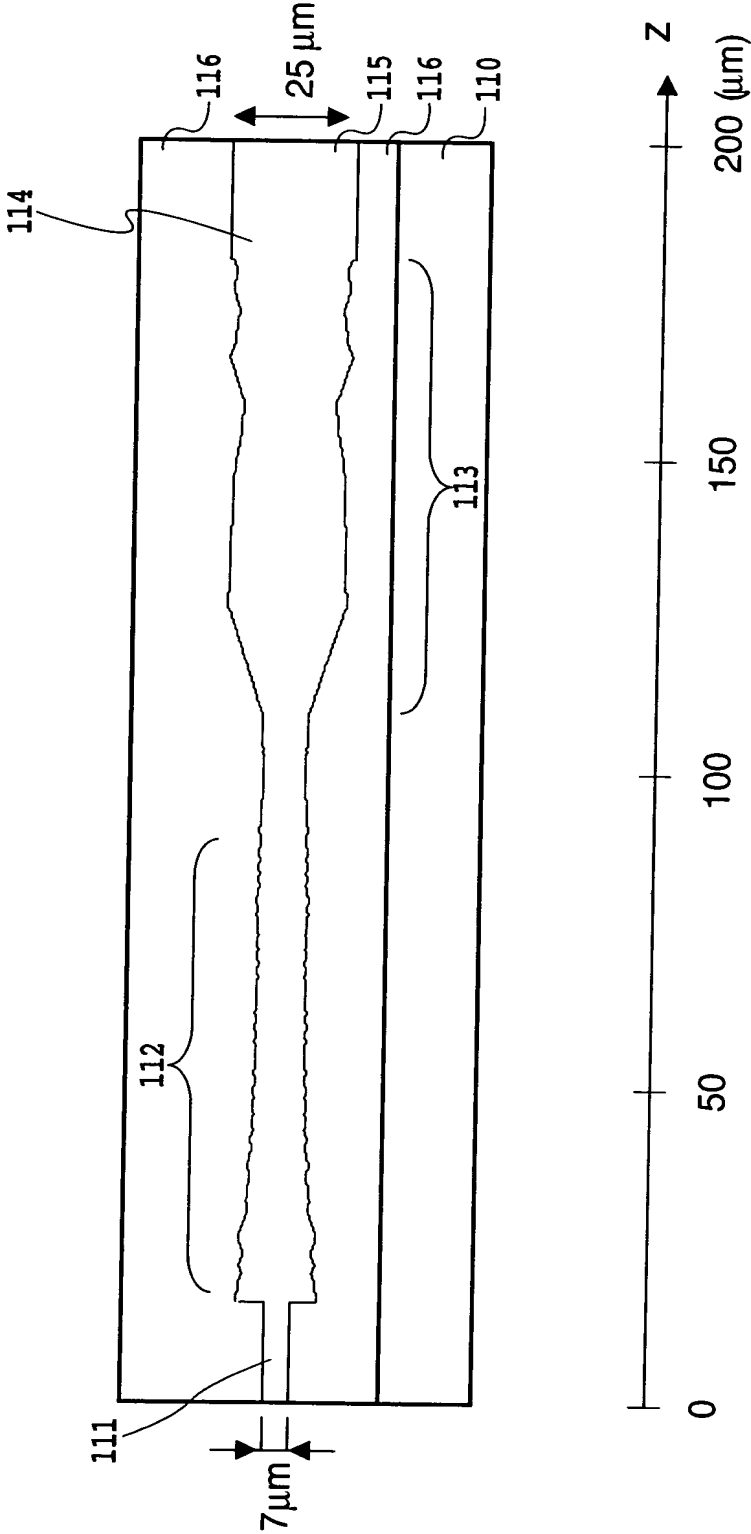


FIG.5

FIG.6A

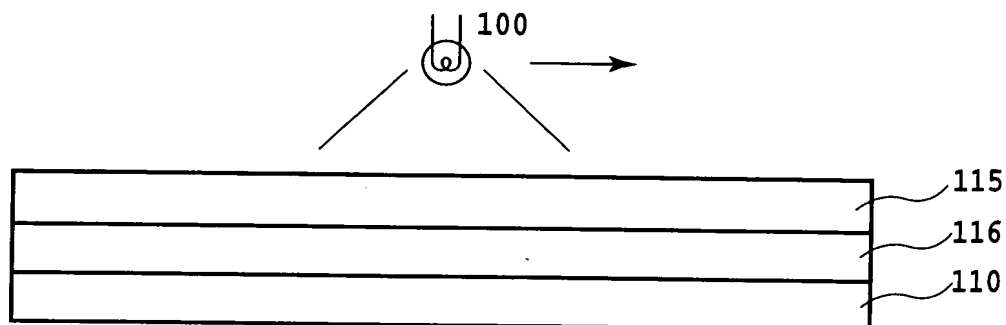


FIG.6B

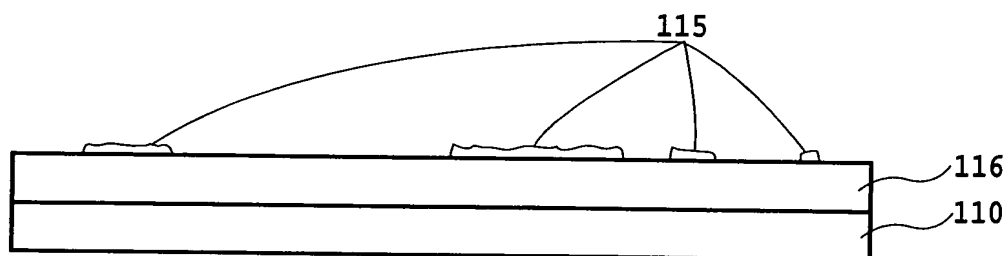


FIG.6C

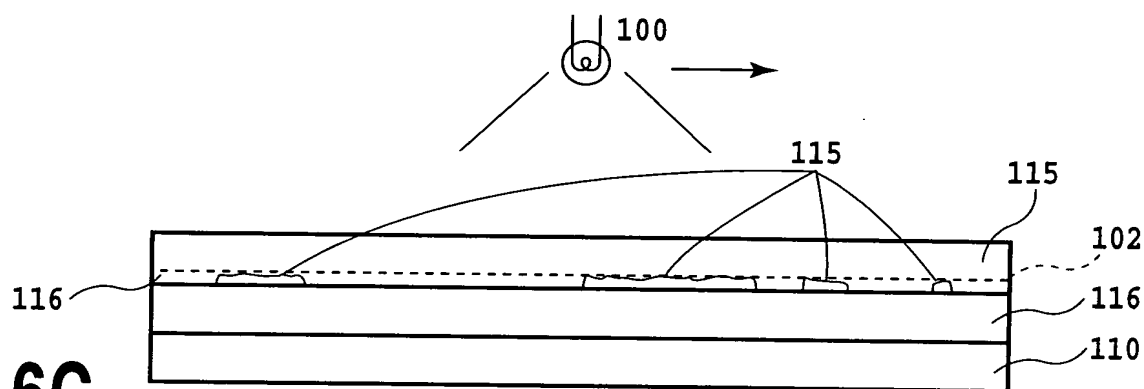
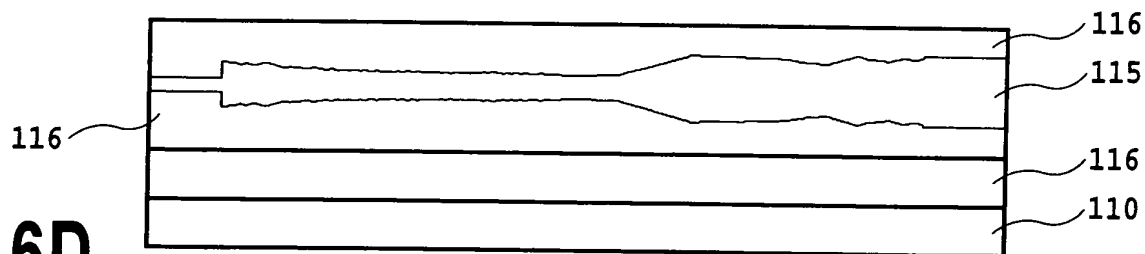


FIG.6D



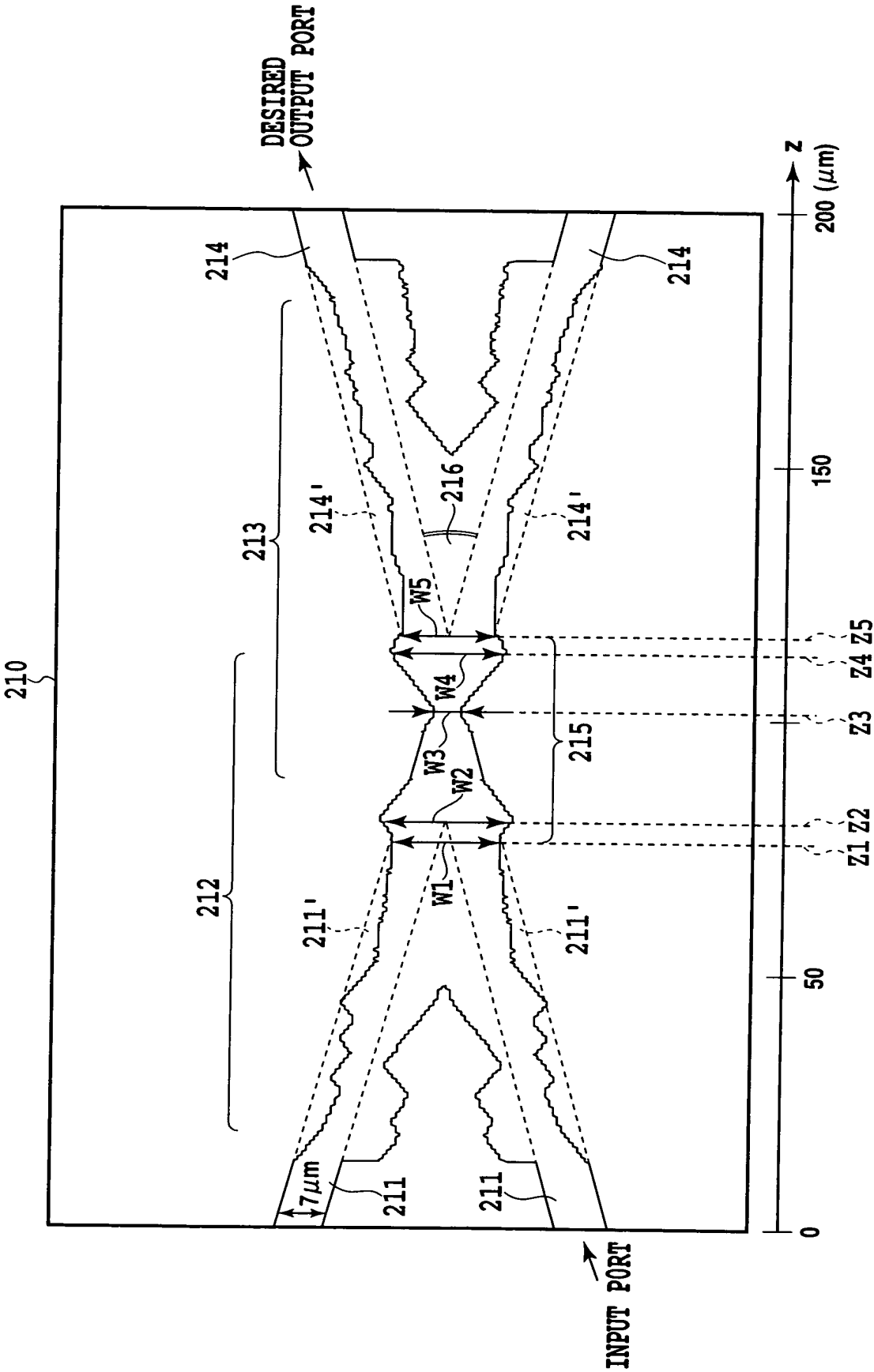
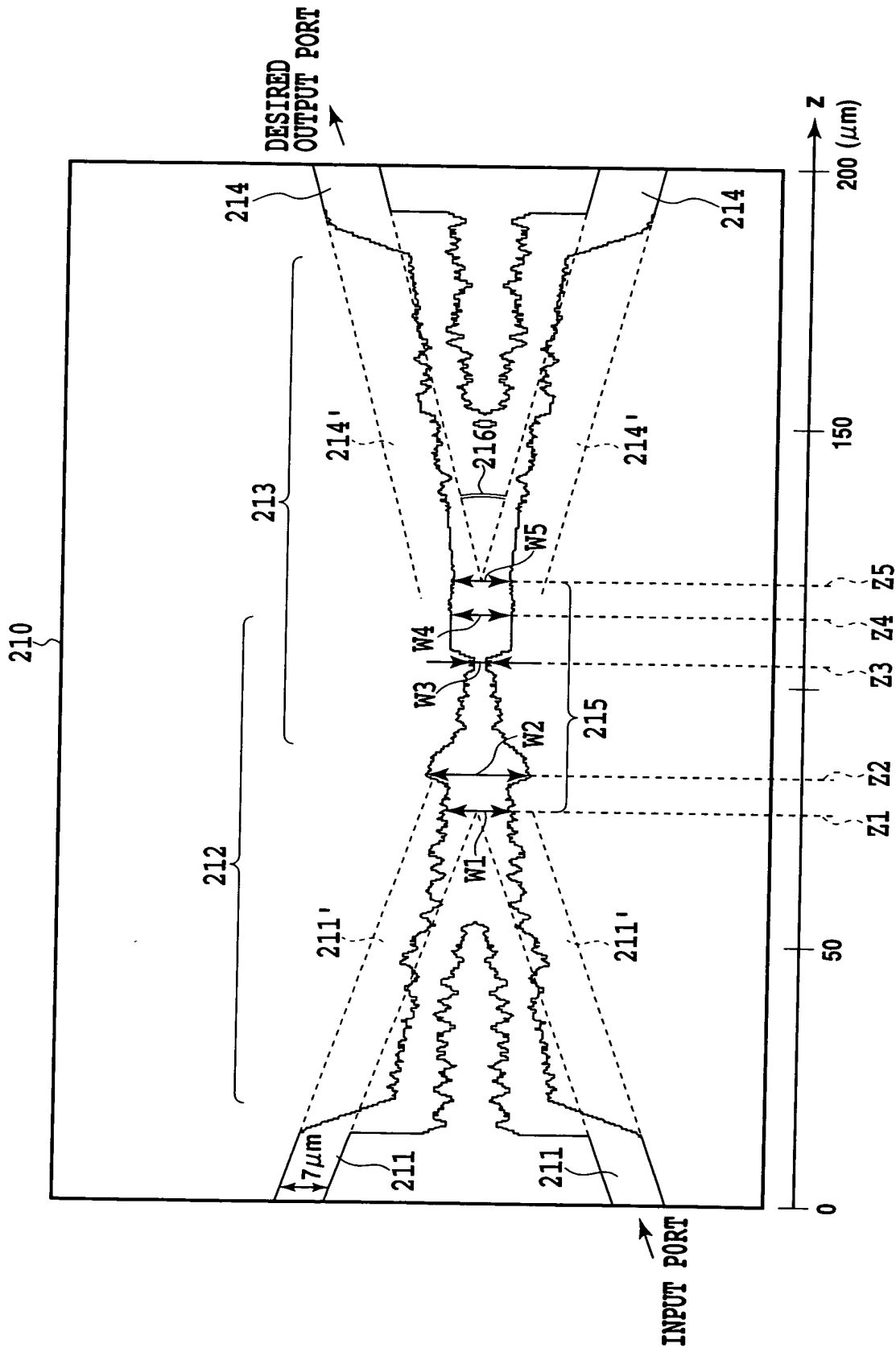


FIG.7





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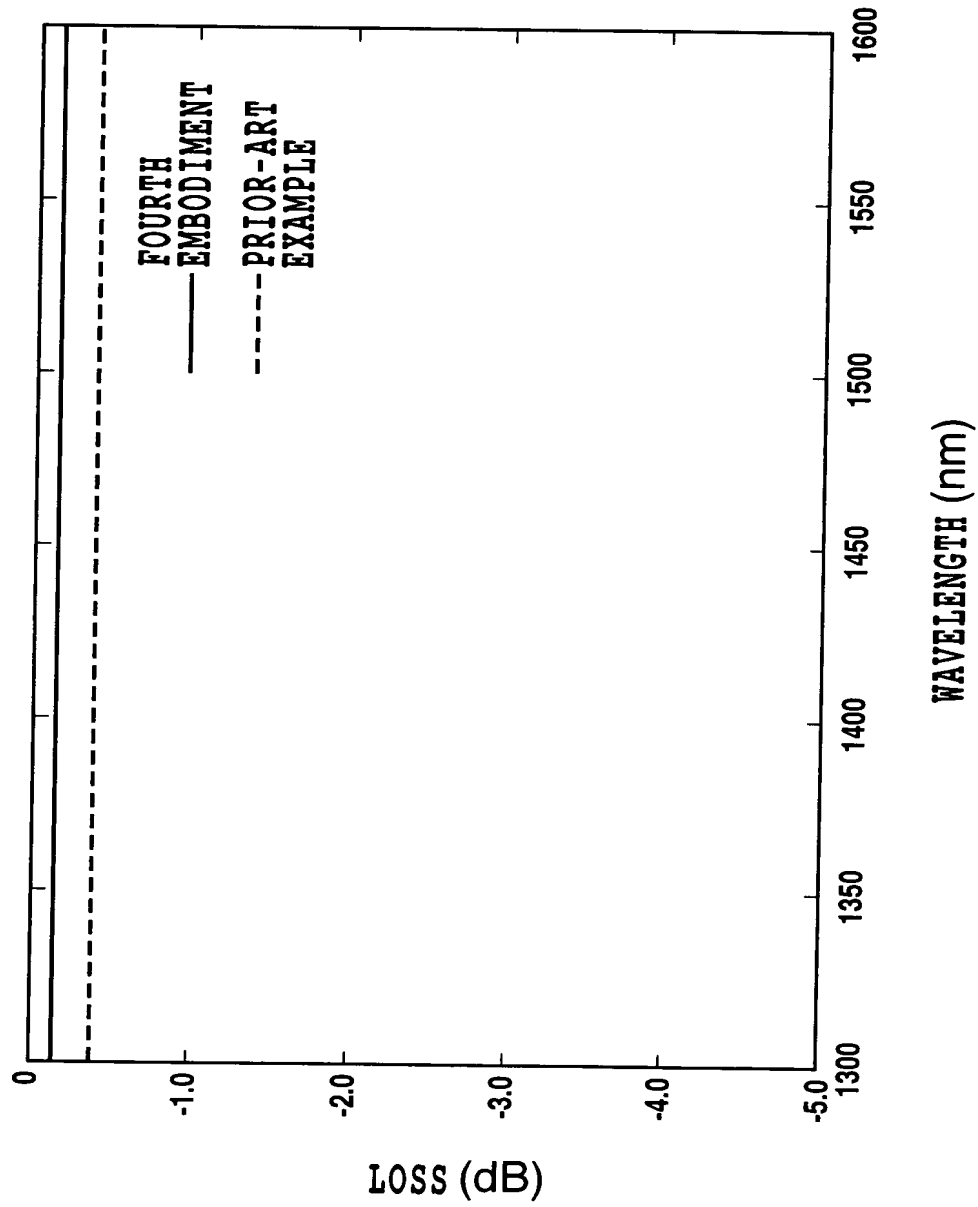


FIG. 9

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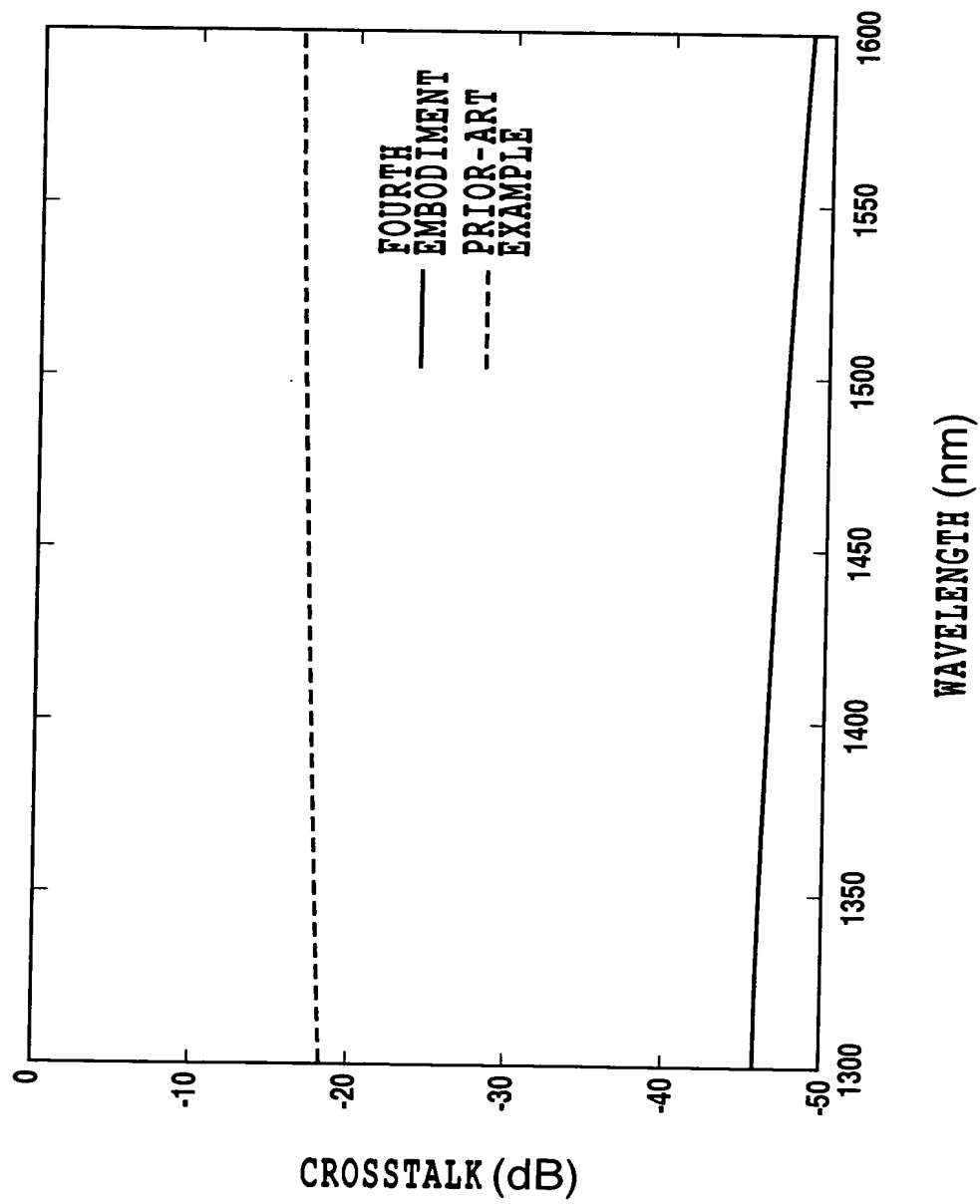


FIG.10

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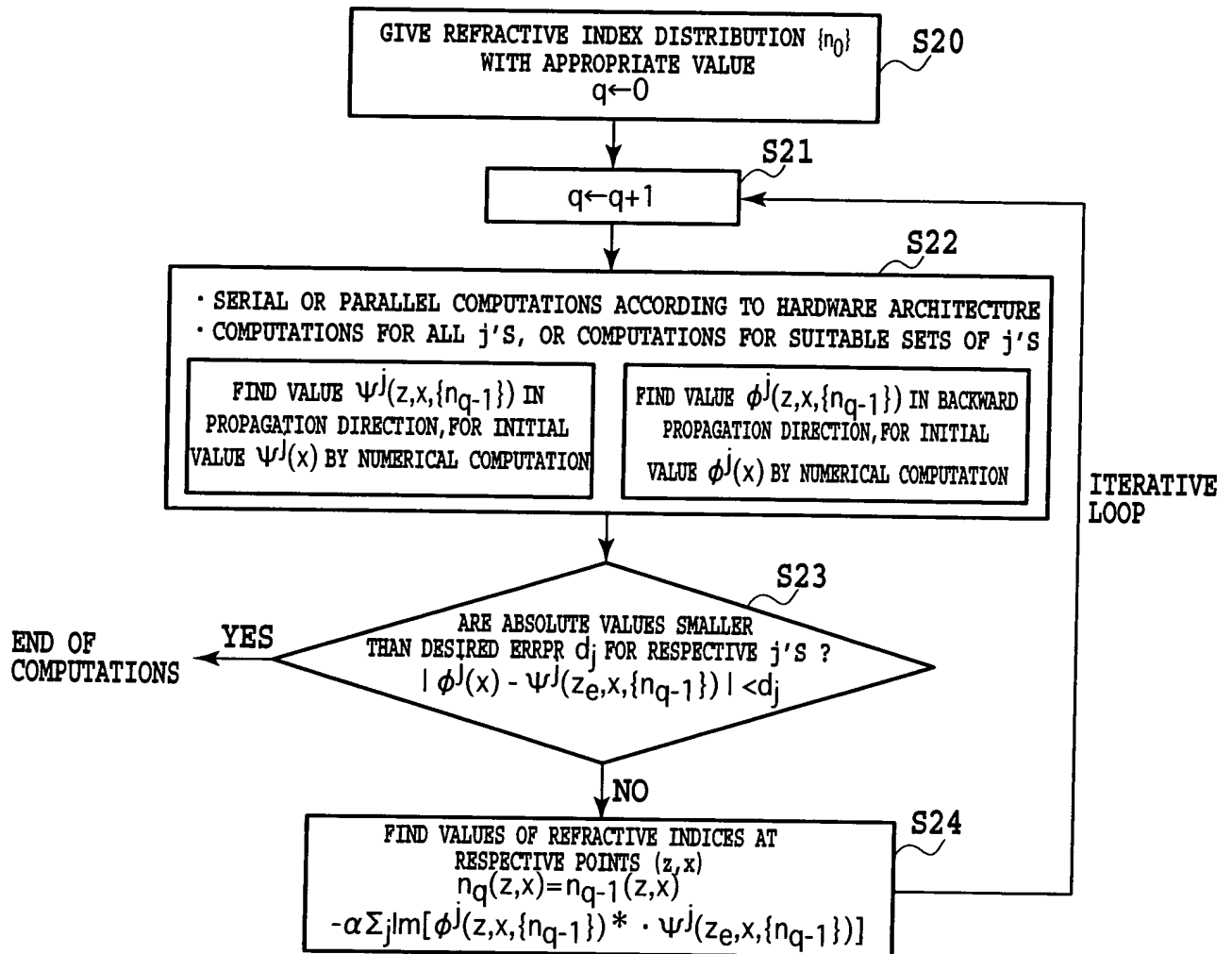


FIG.11

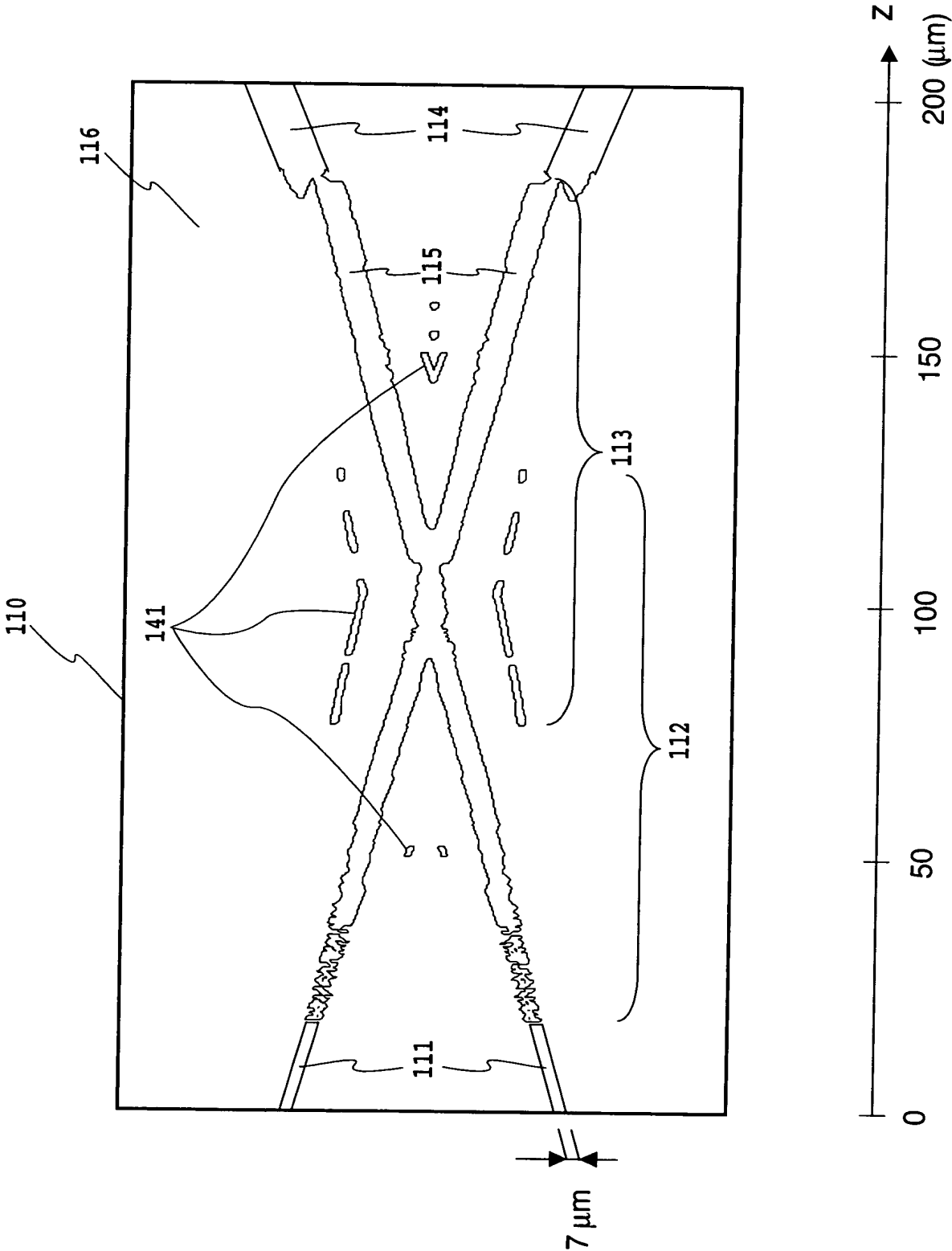


FIG.12

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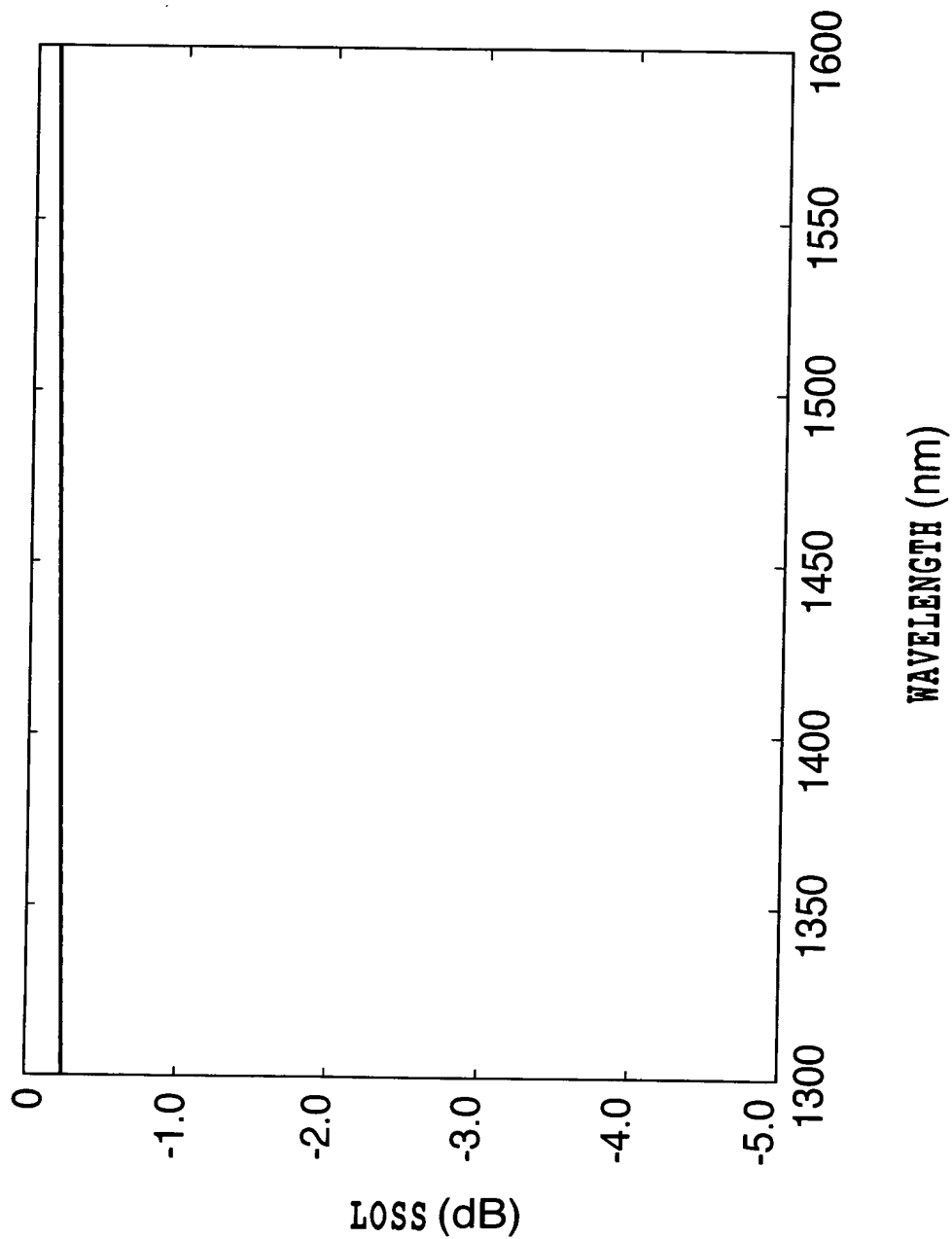


FIG.13

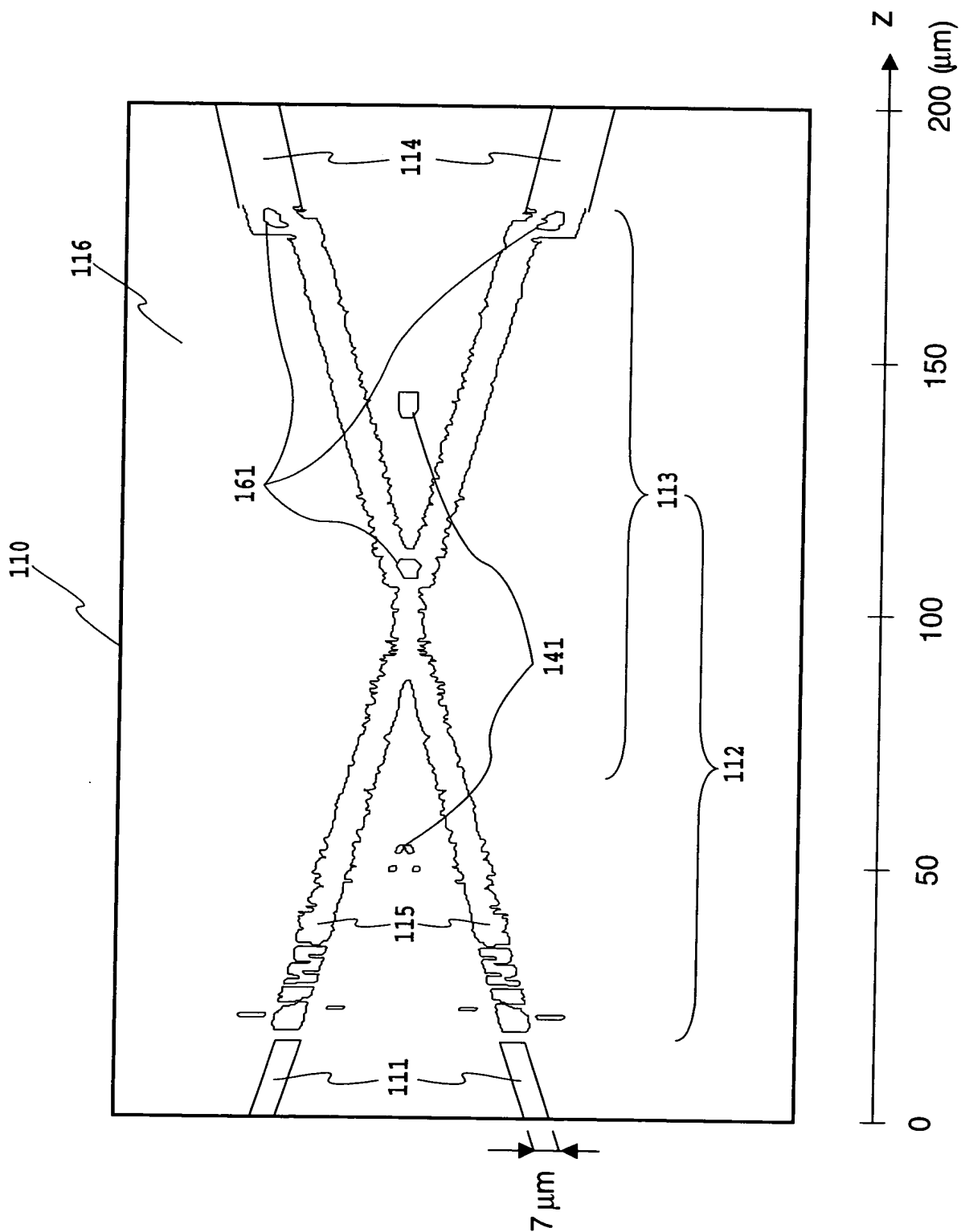


FIG.14

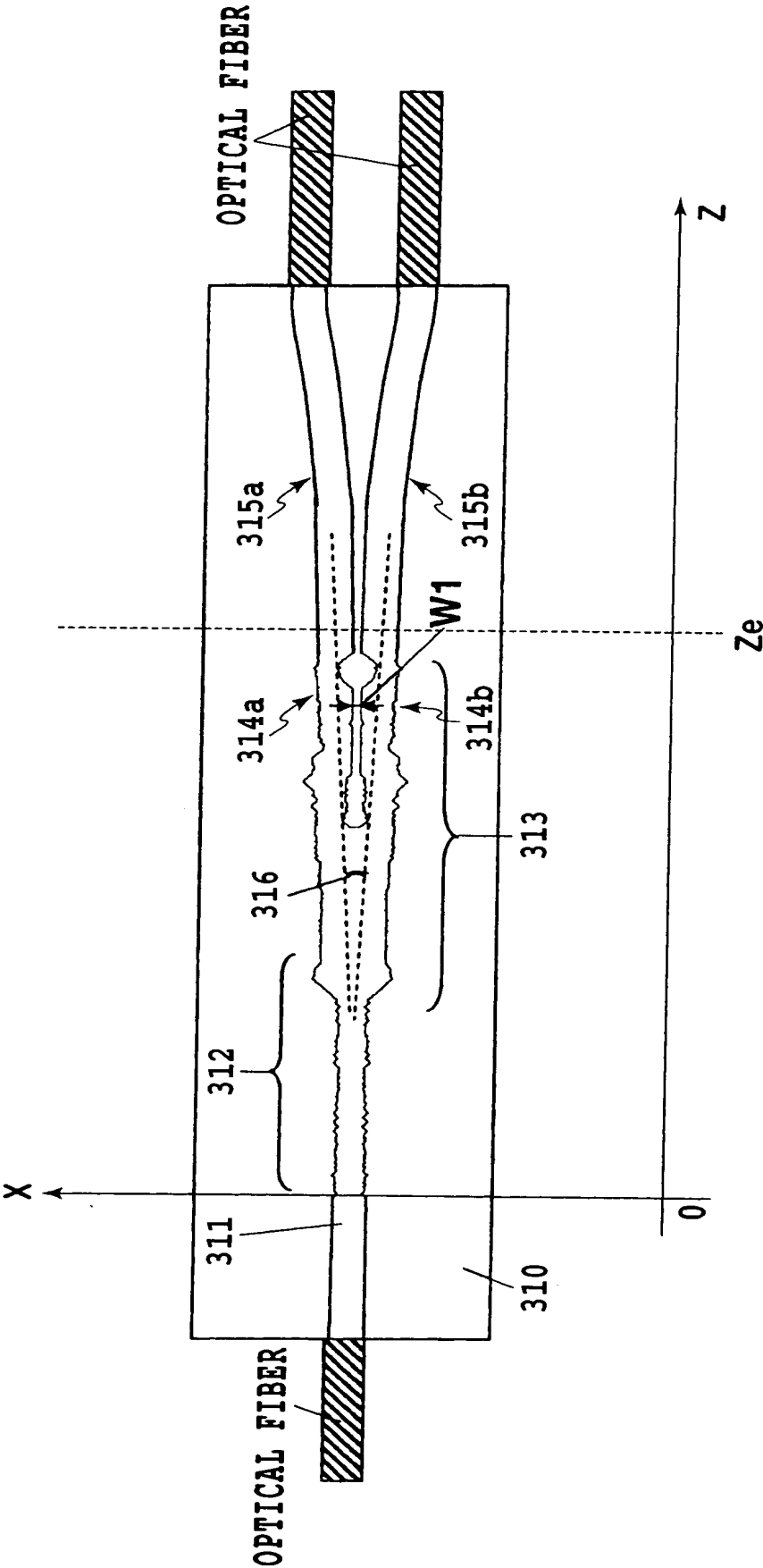


FIG.15

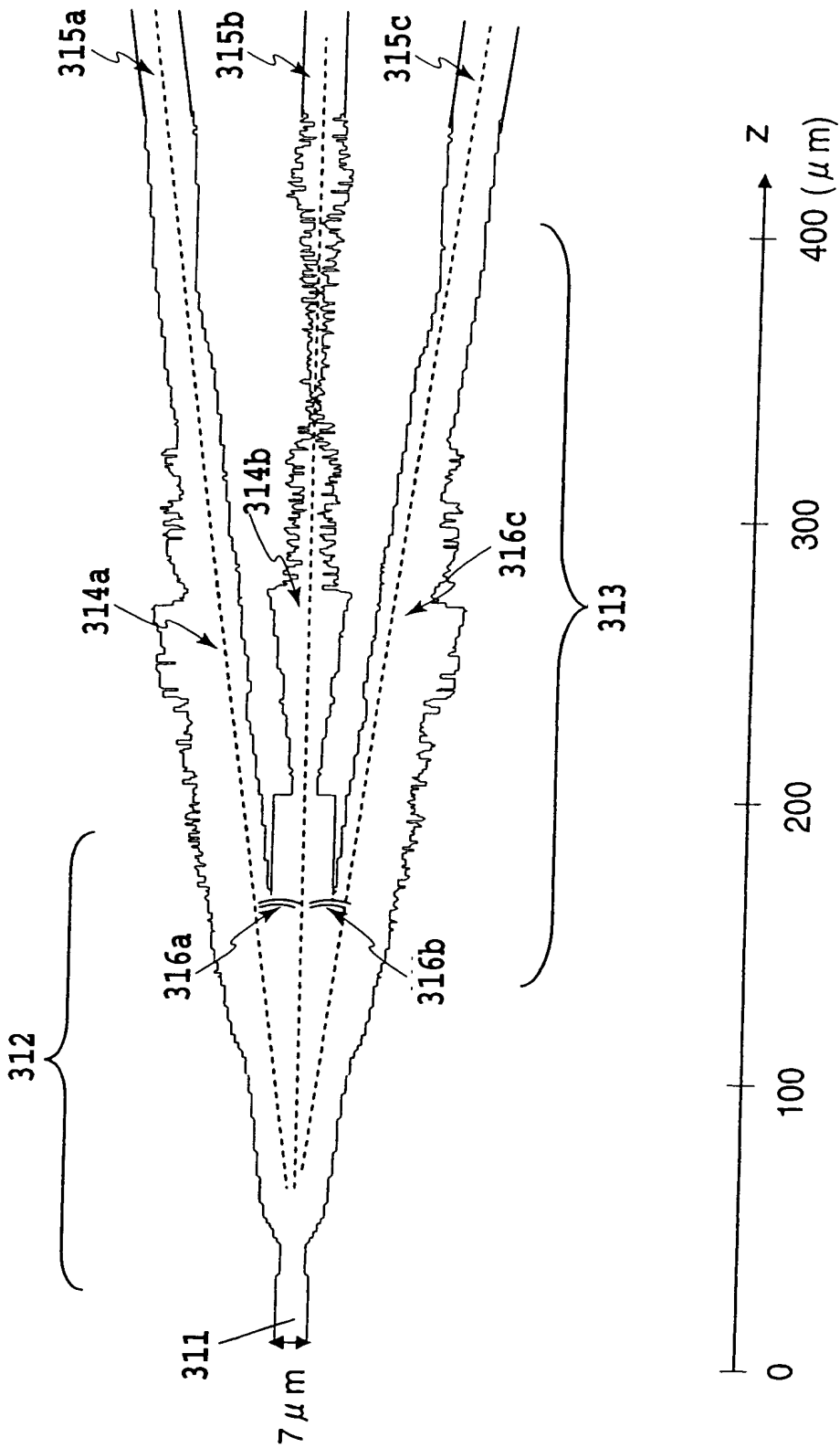


FIG.16



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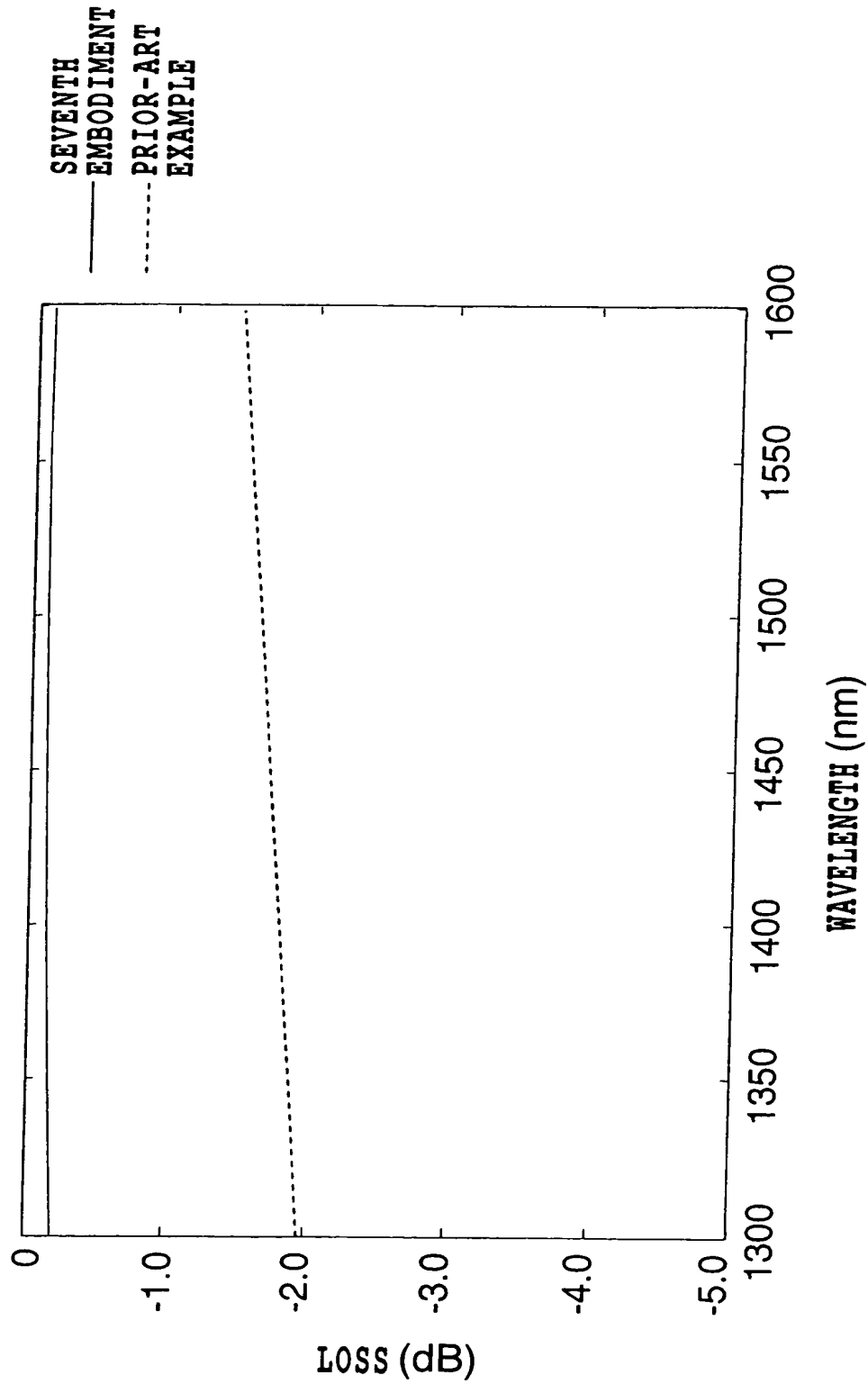


FIG.17

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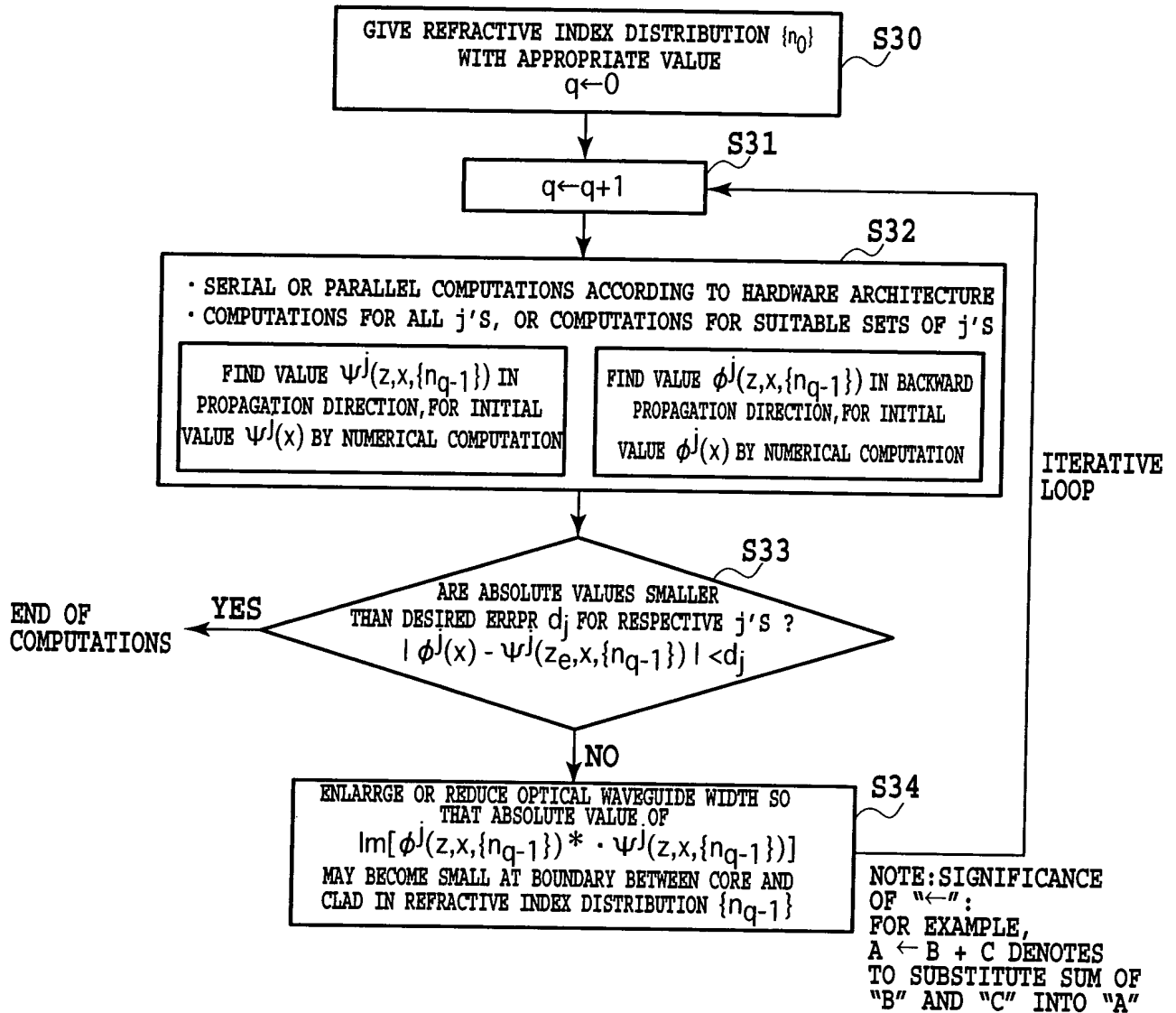


FIG.18

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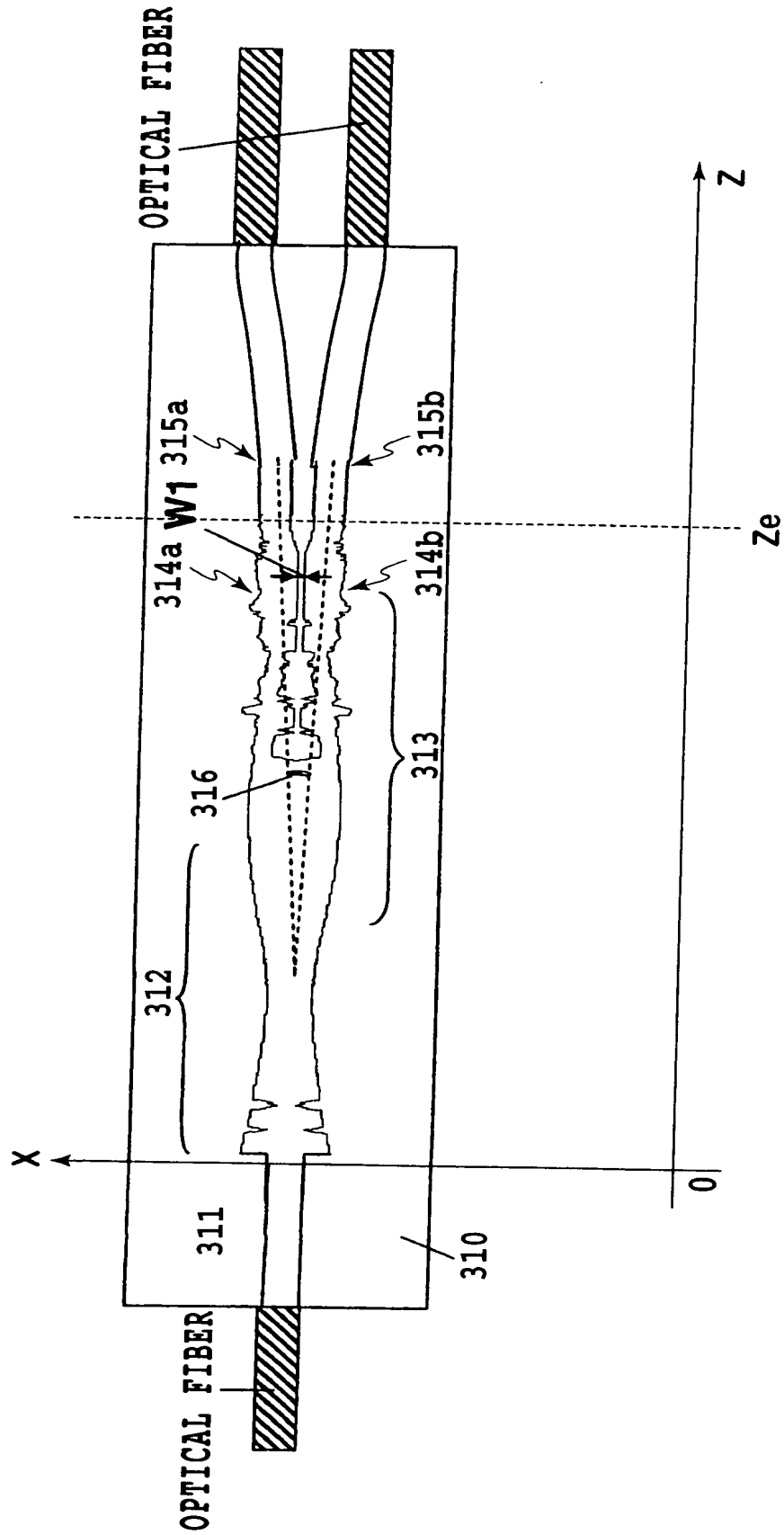


FIG.19

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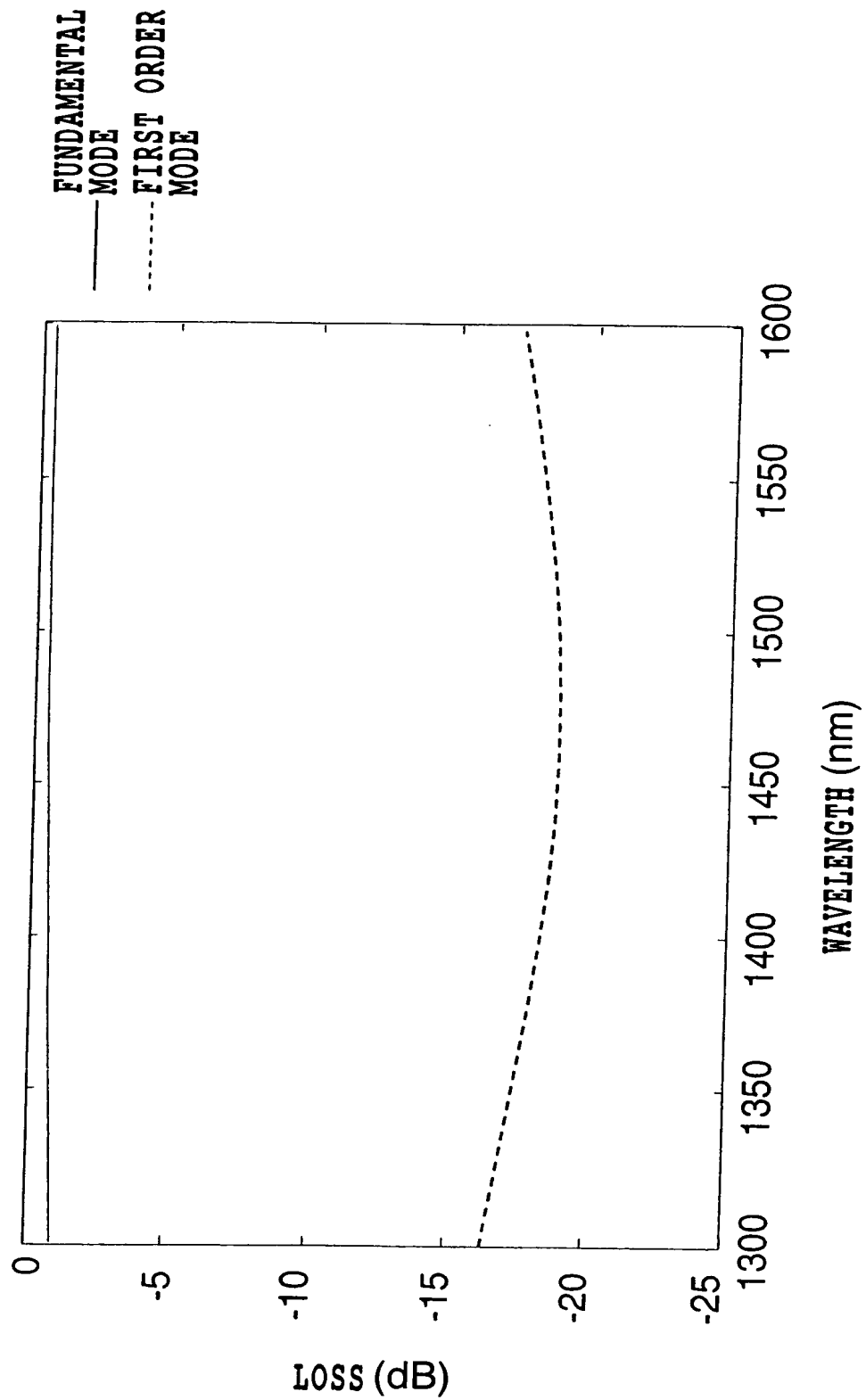


FIG.20

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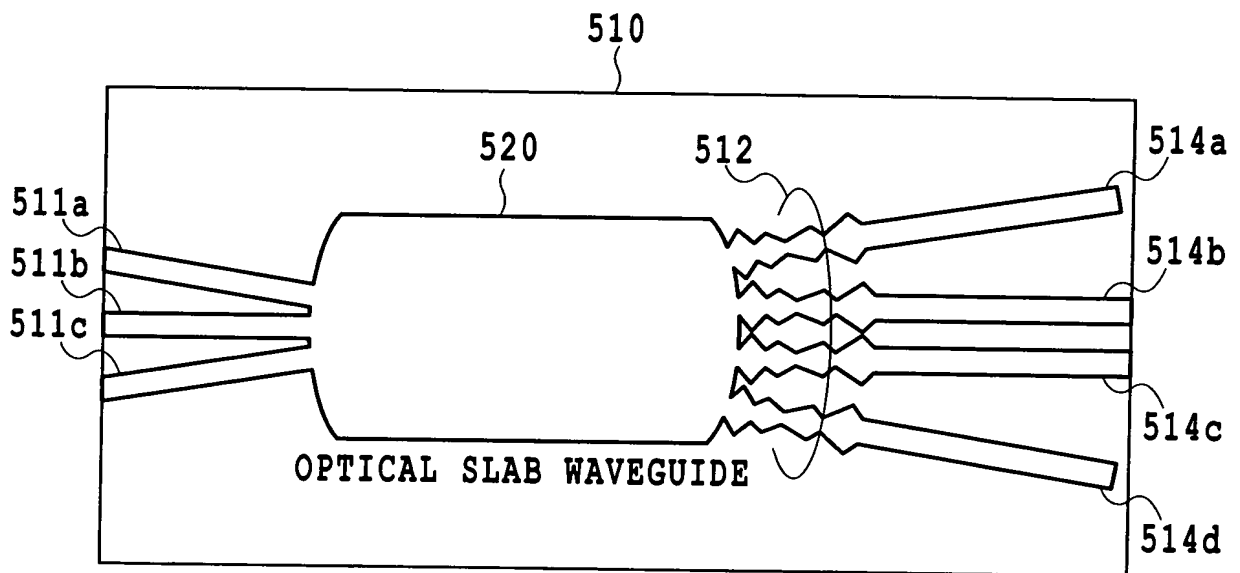


FIG.21

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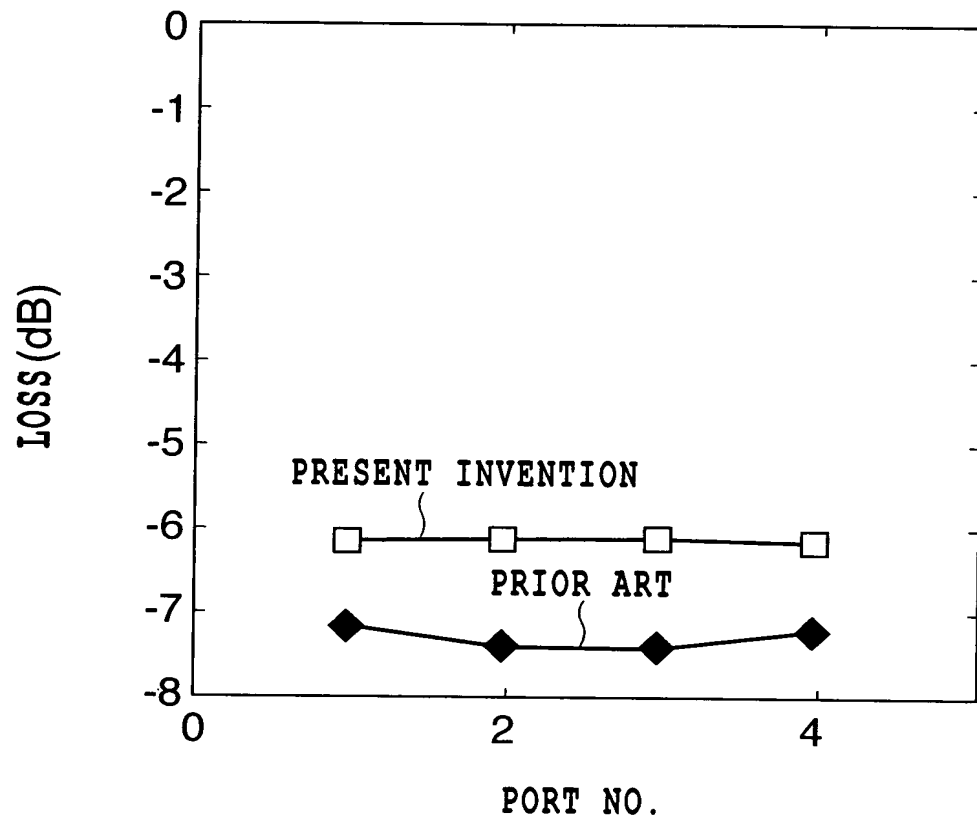


FIG.22

FIG.23A

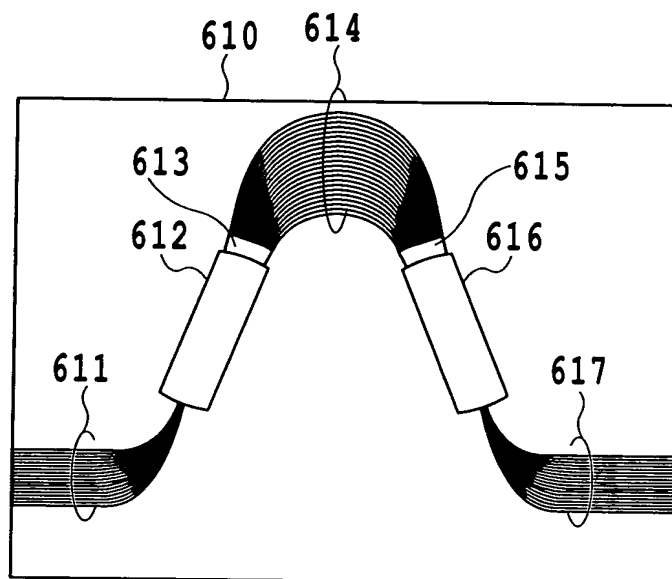


FIG.23B

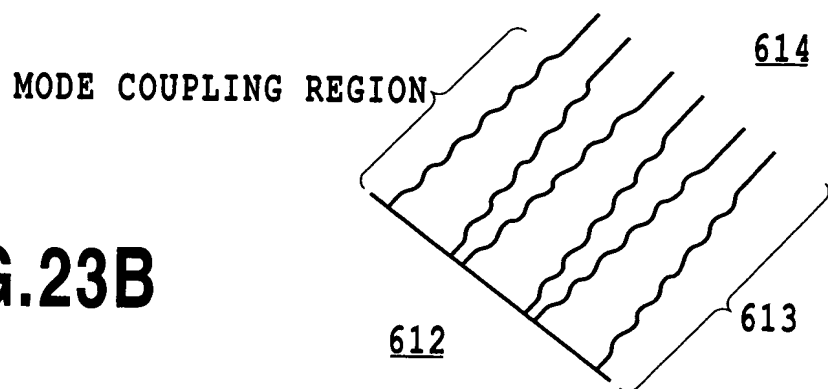
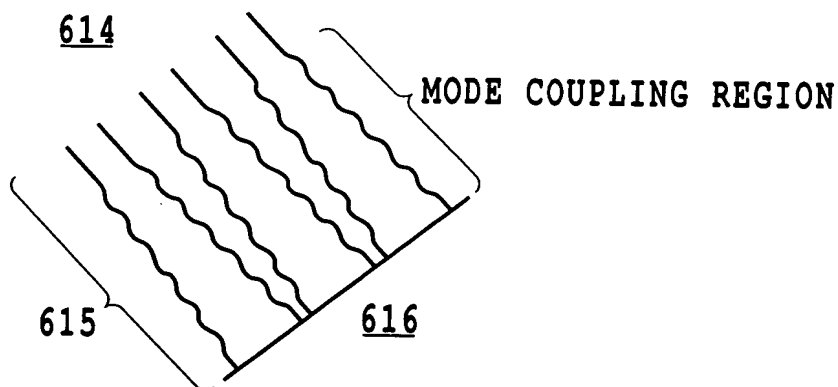


FIG.23C



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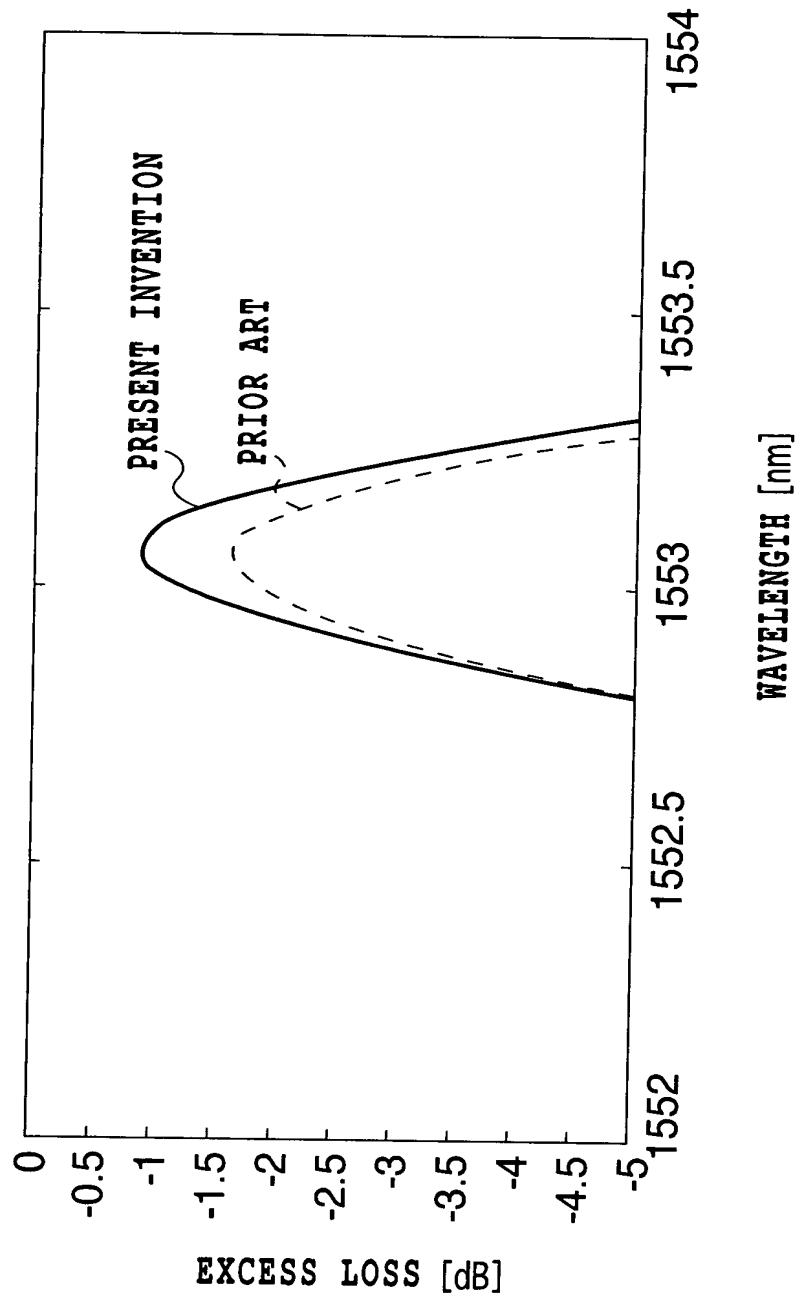


FIG.24



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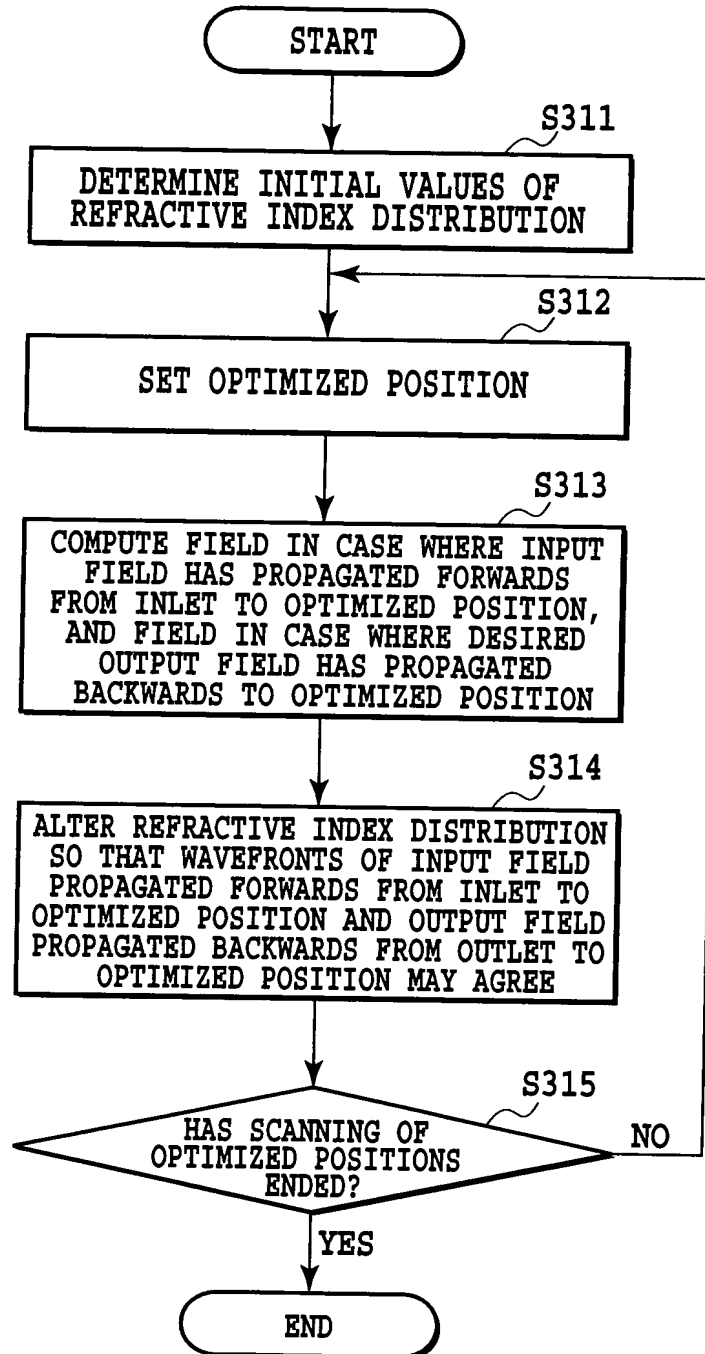


FIG.25

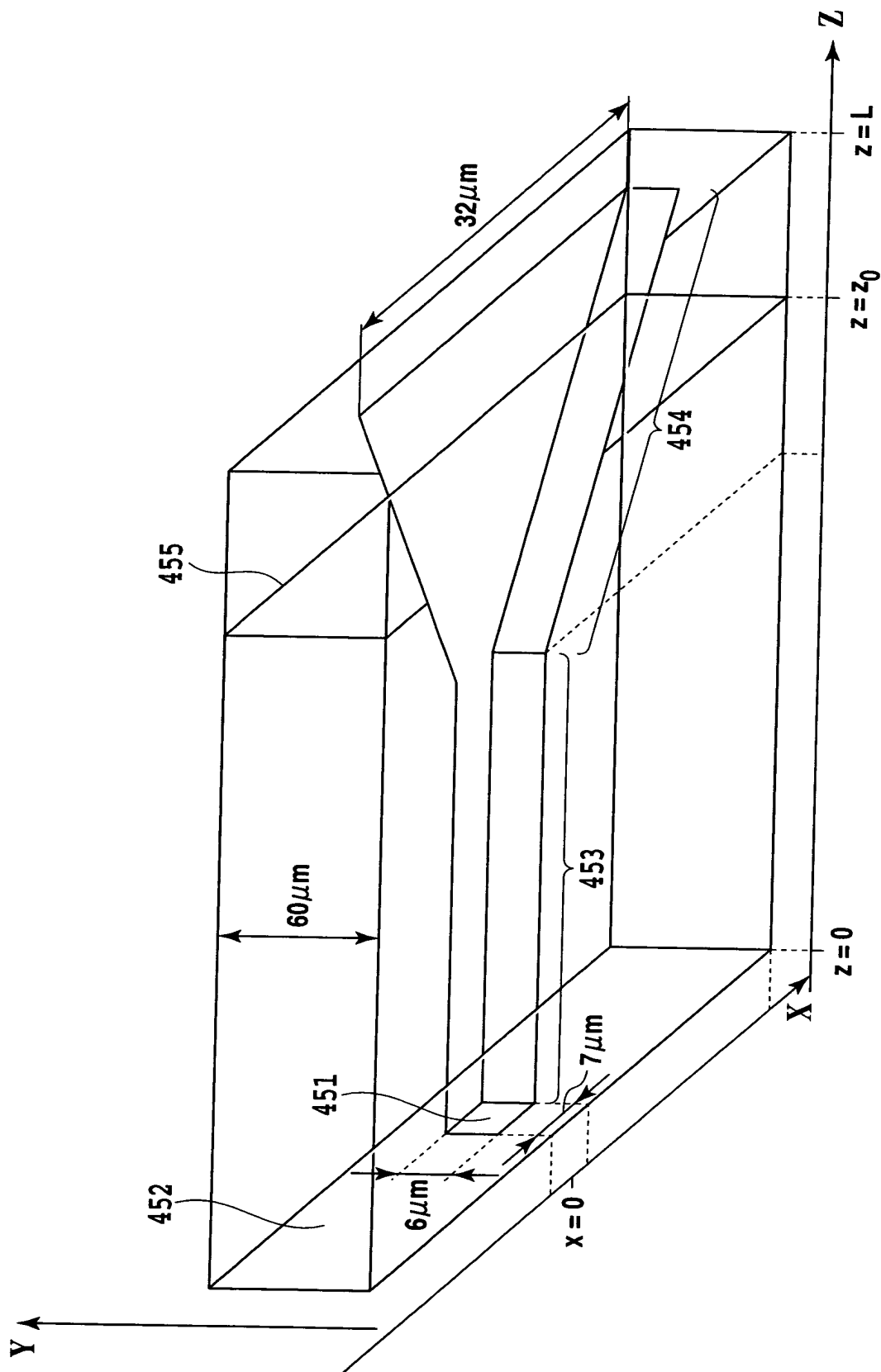


FIG.26

FLAT OPTICAL CIRCUIT, DESIGN METHOD FOR WAVE MOTION PROPAGATING  
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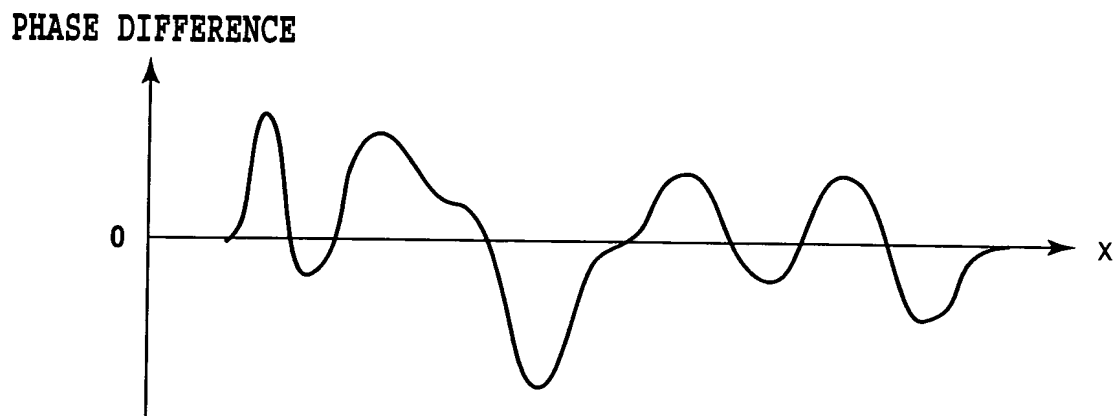


FIG.27A

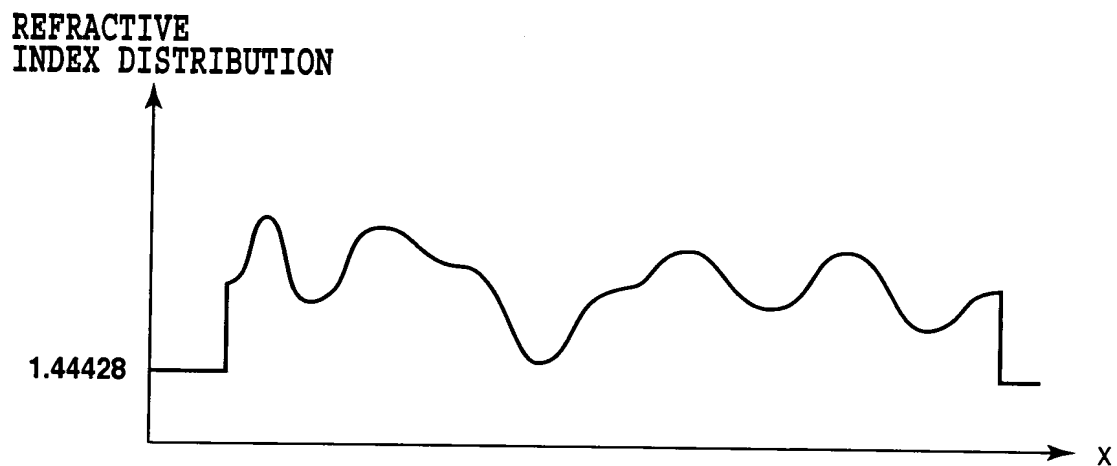


FIG.27B

FLAT OPTICAL CIRCUIT, DESIGN METHOD FOR WAVE MOTION PROPAGATING  
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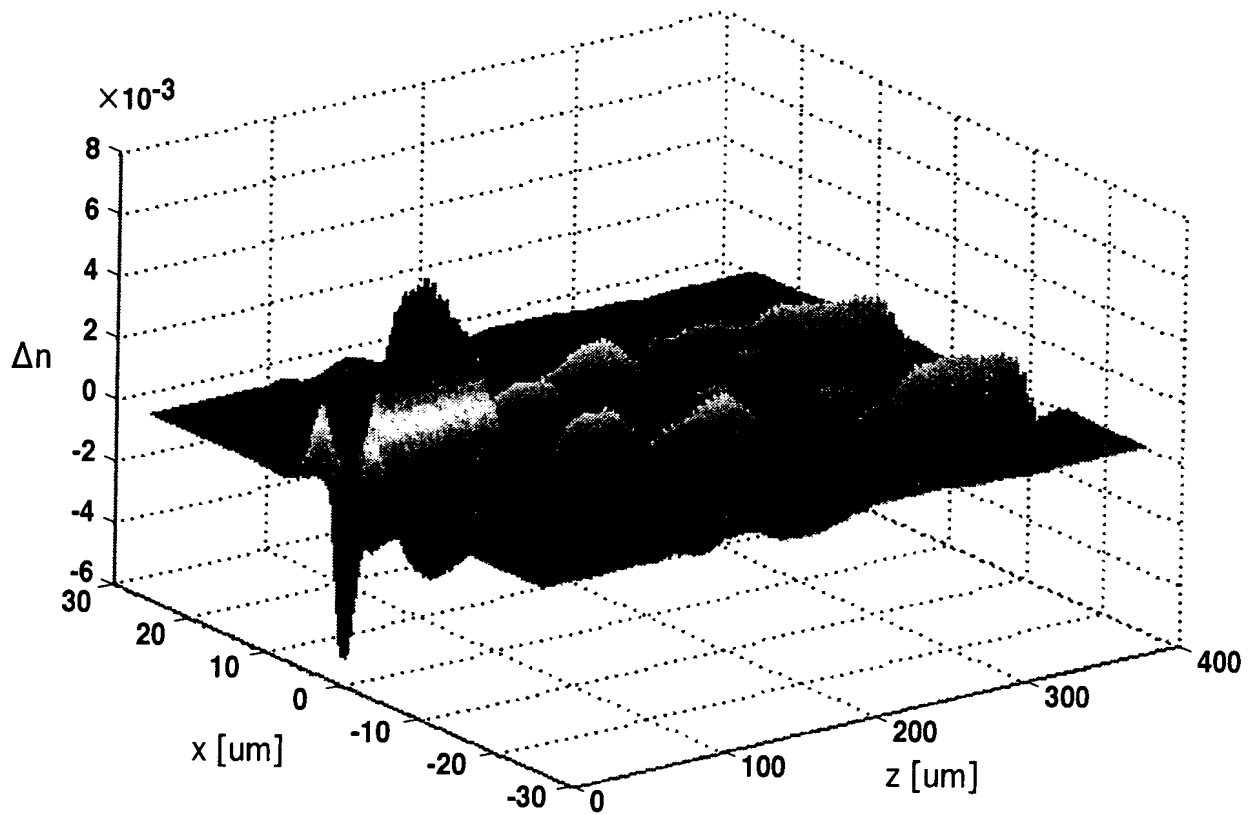


FIG.28

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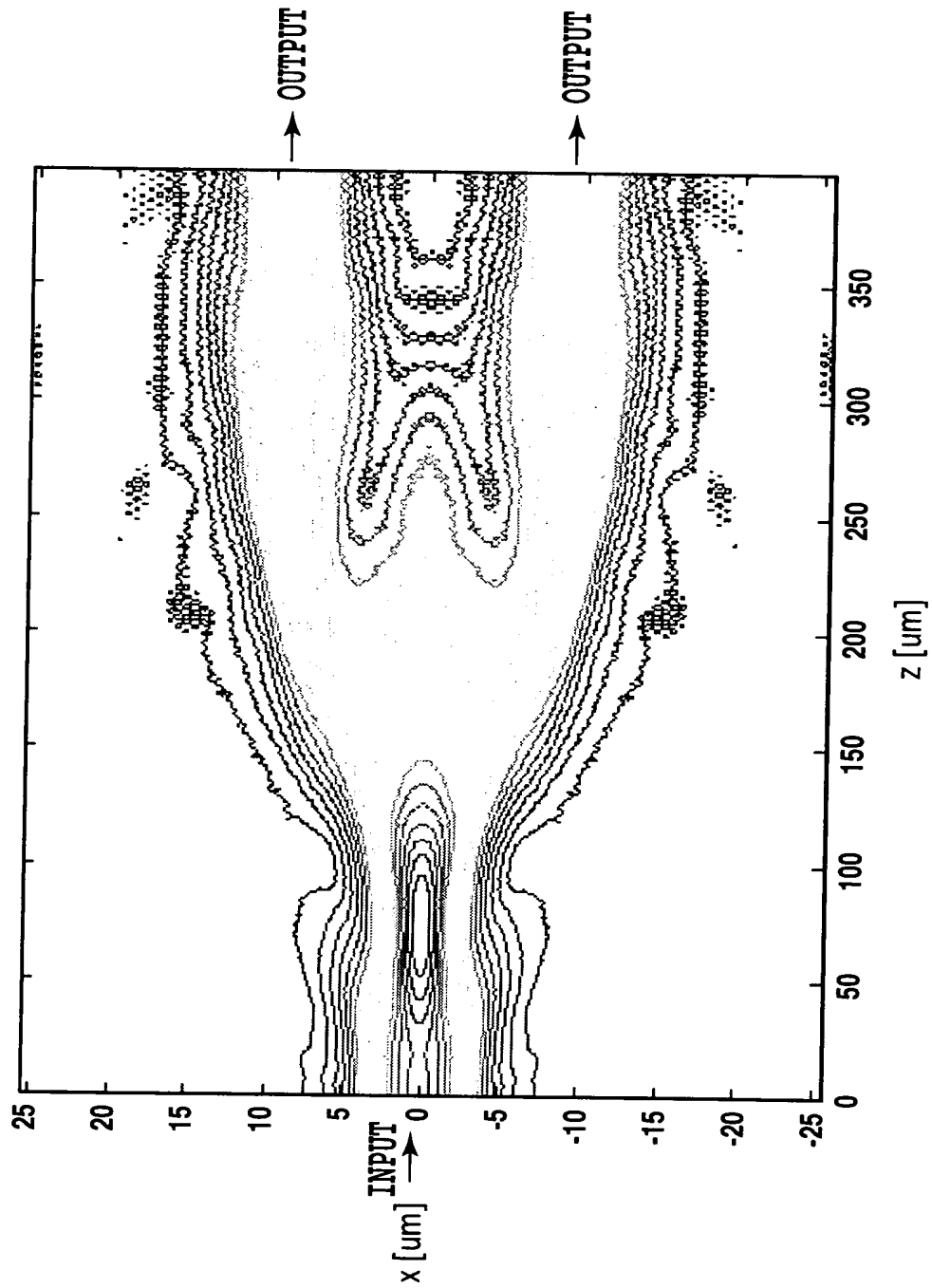


FIG.29

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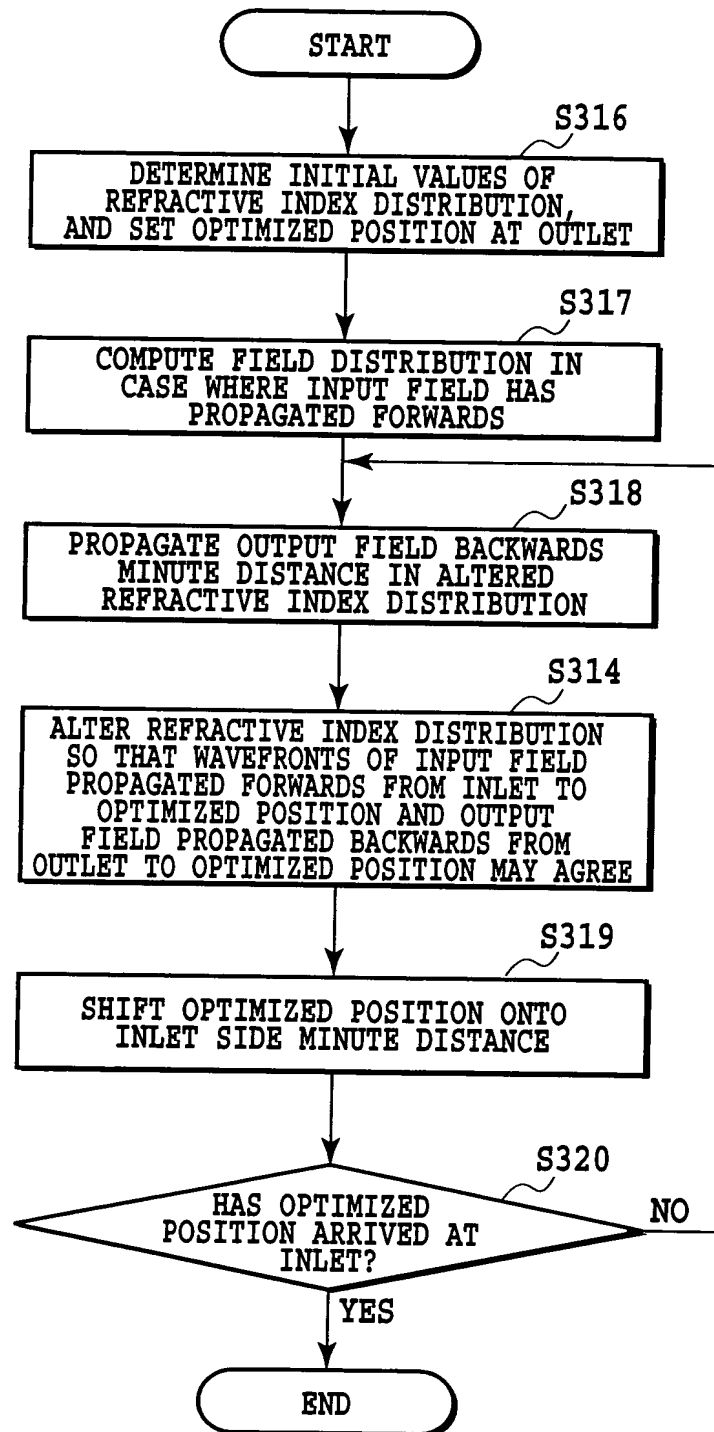


FIG.30



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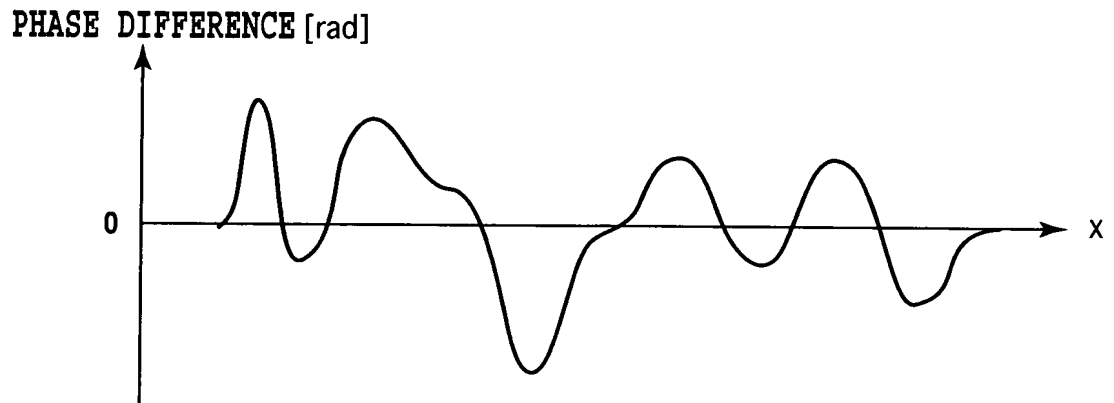


FIG.32A

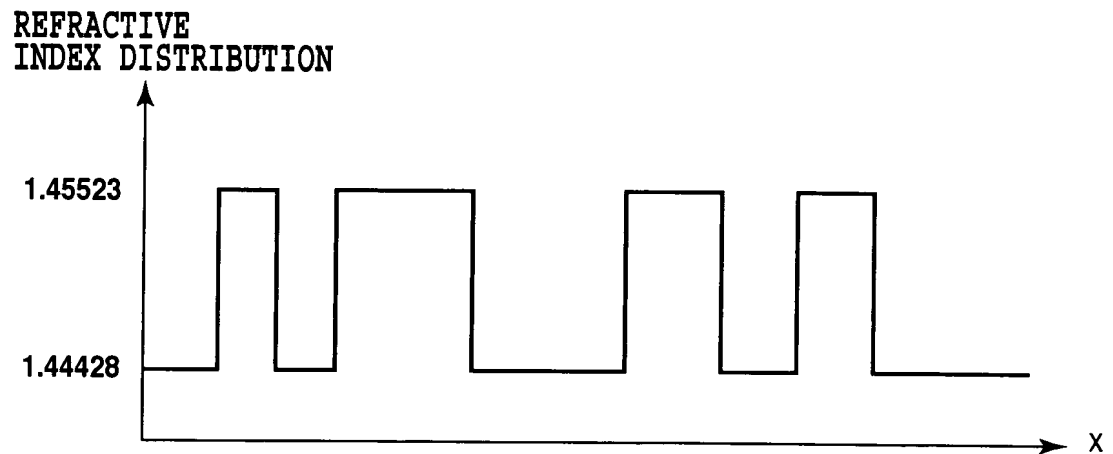


FIG.32B



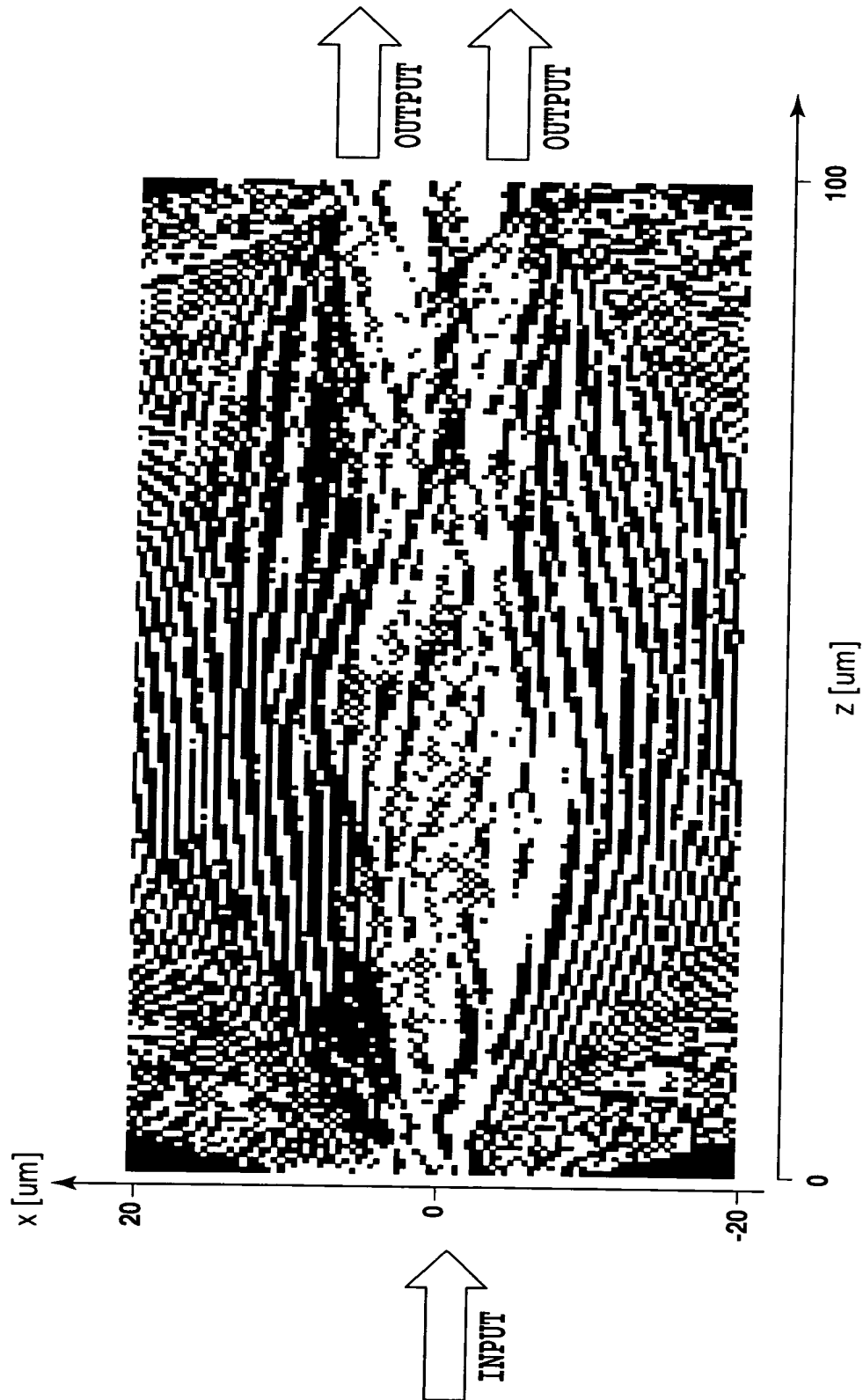


FIG.33



FIG. 34A

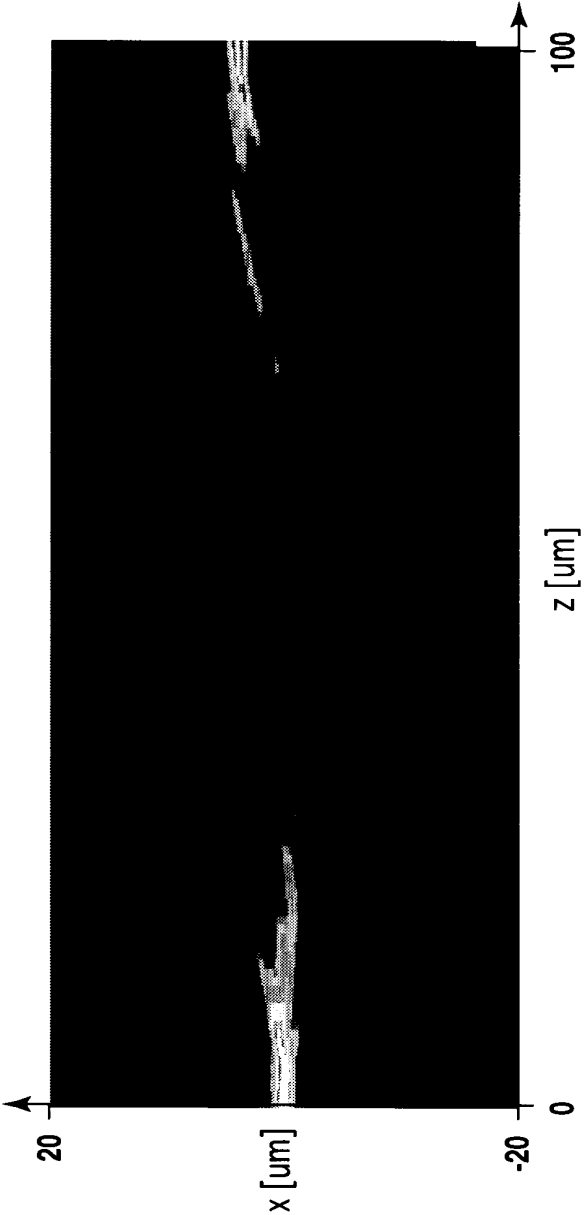


FIG. 34B

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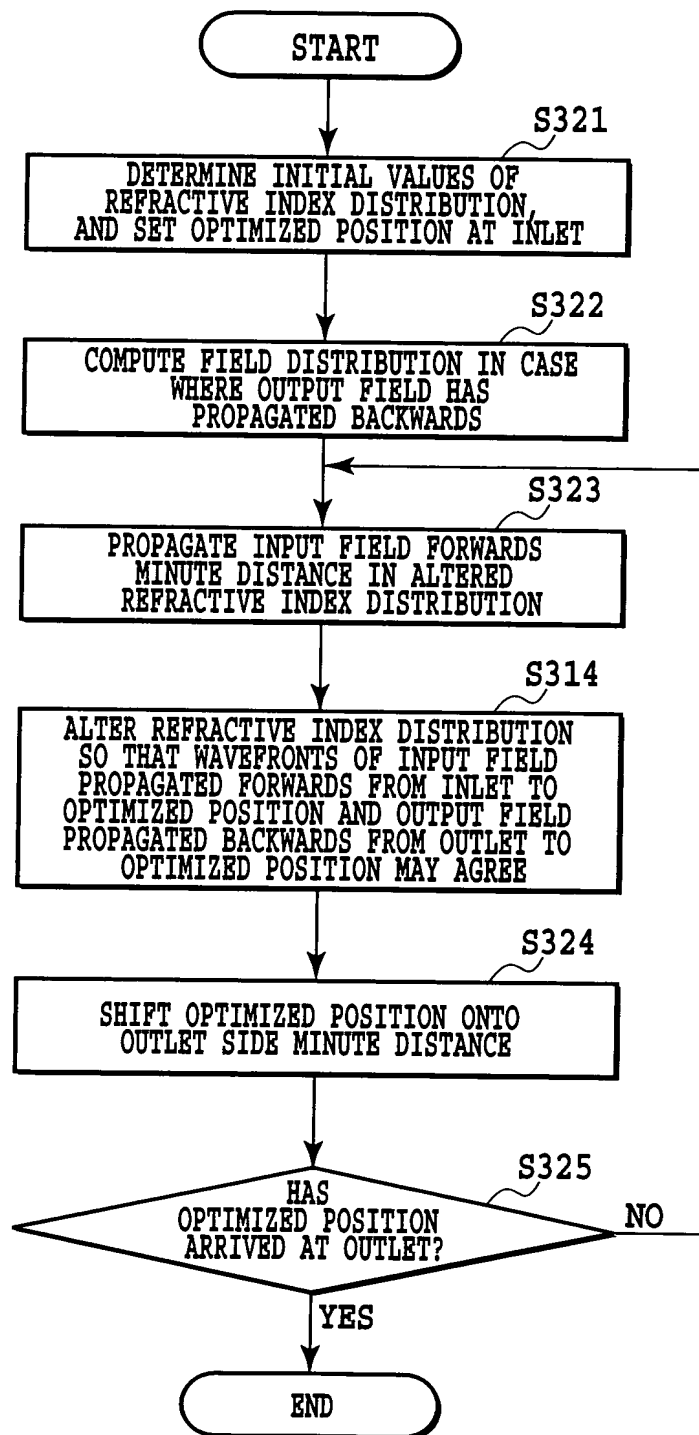


FIG.35

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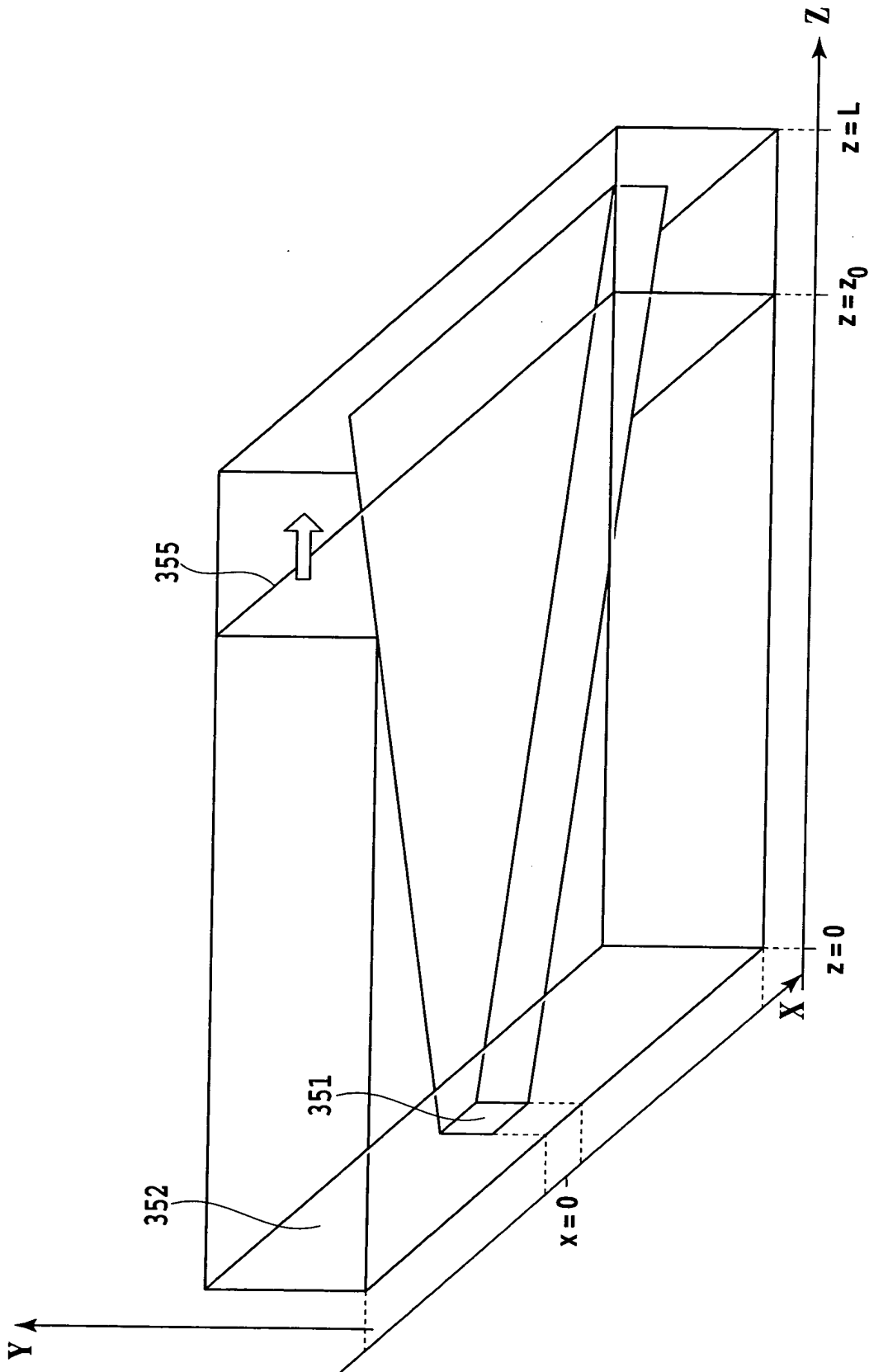


FIG.36

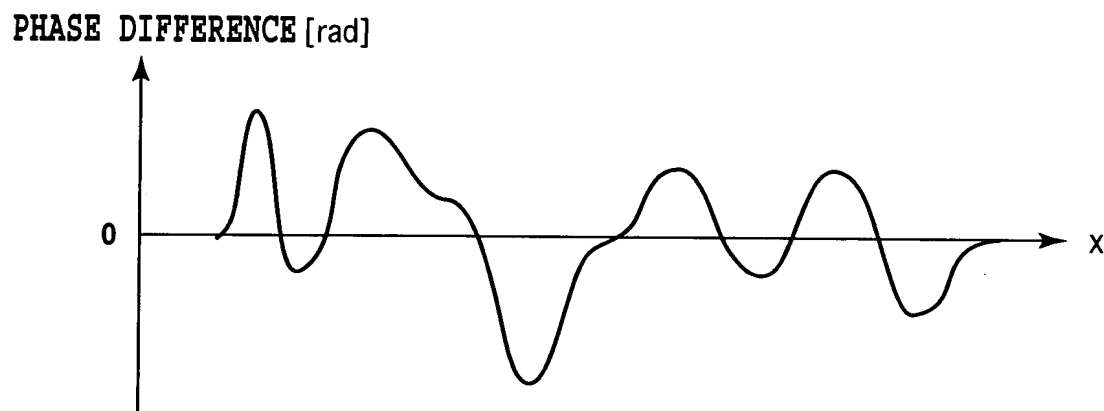


FIG.37A

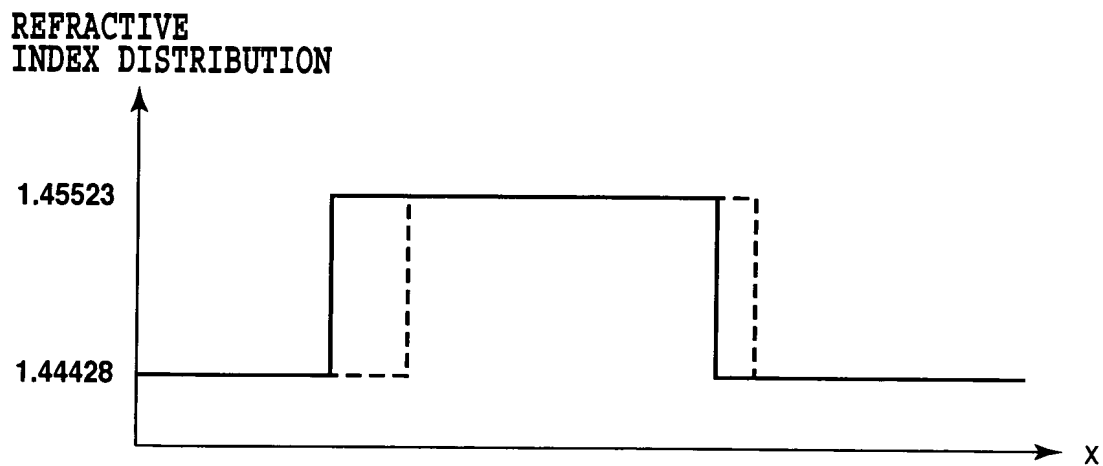


FIG.37B

FLAT OPTICAL CIRCUIT, DESIGN METHOD FOR WAVE MOTION PROPAGATING  
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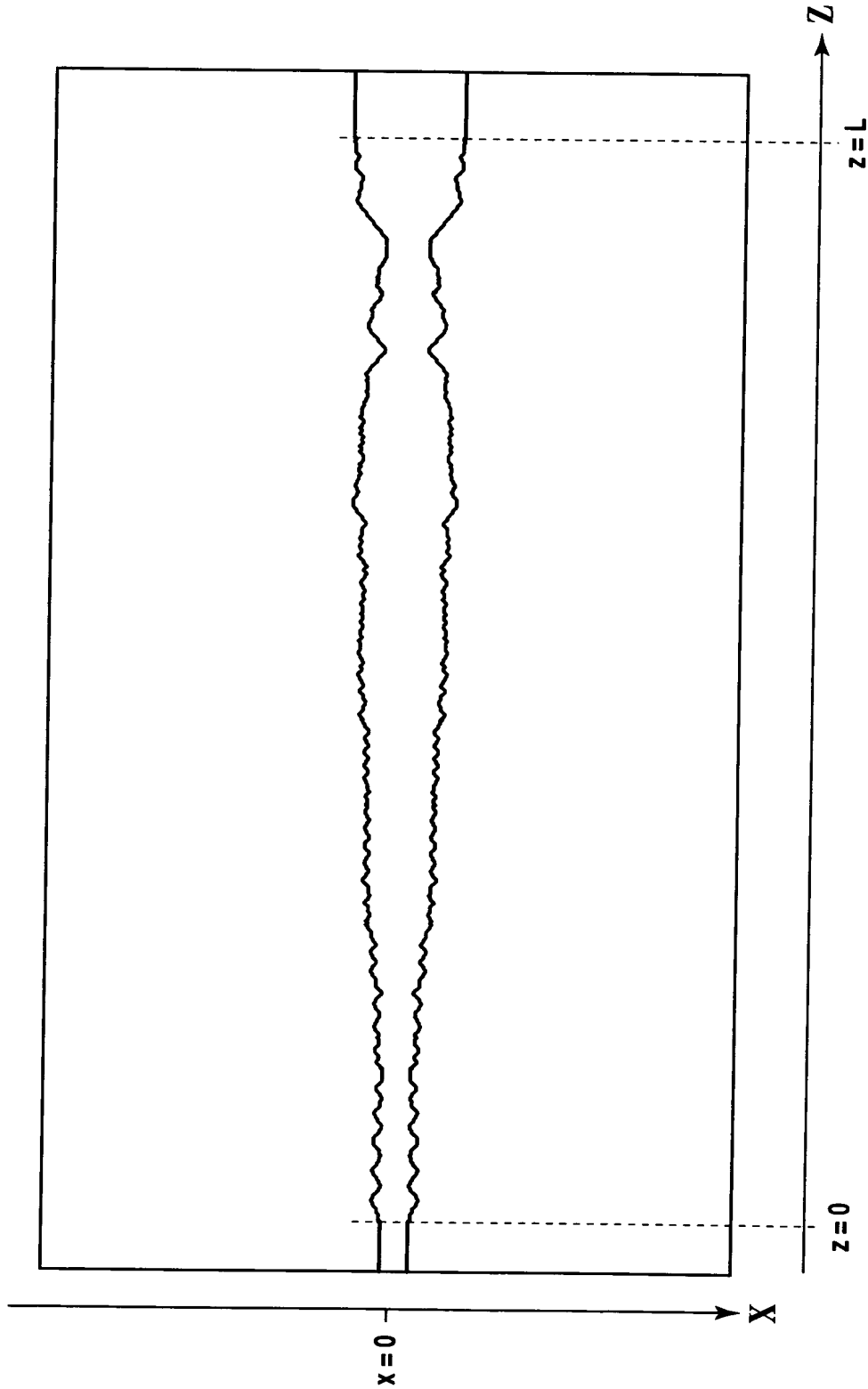


FIG.38

FLAT OPTICAL CIRCUIT, DESIGN METHOD FOR WAVE MOTION PROPAGATING  
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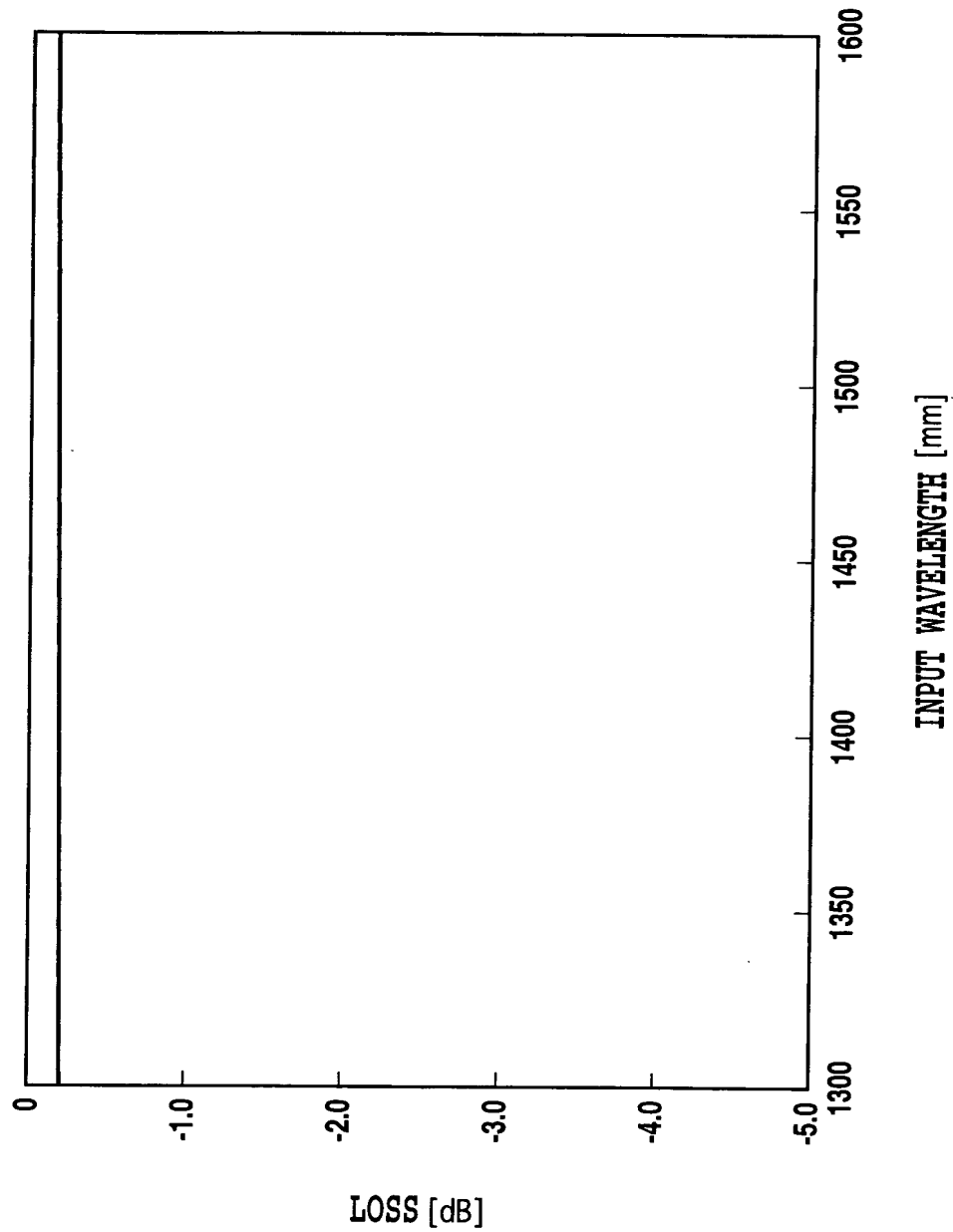


FIG.39

FLAT OPTICAL CIRCUIT, DESIGN METHOD FOR WAVE MOTION PROPAGATING  
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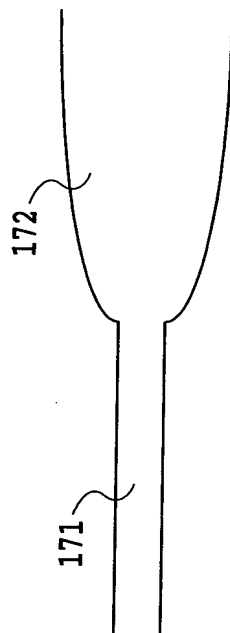


FIG.40



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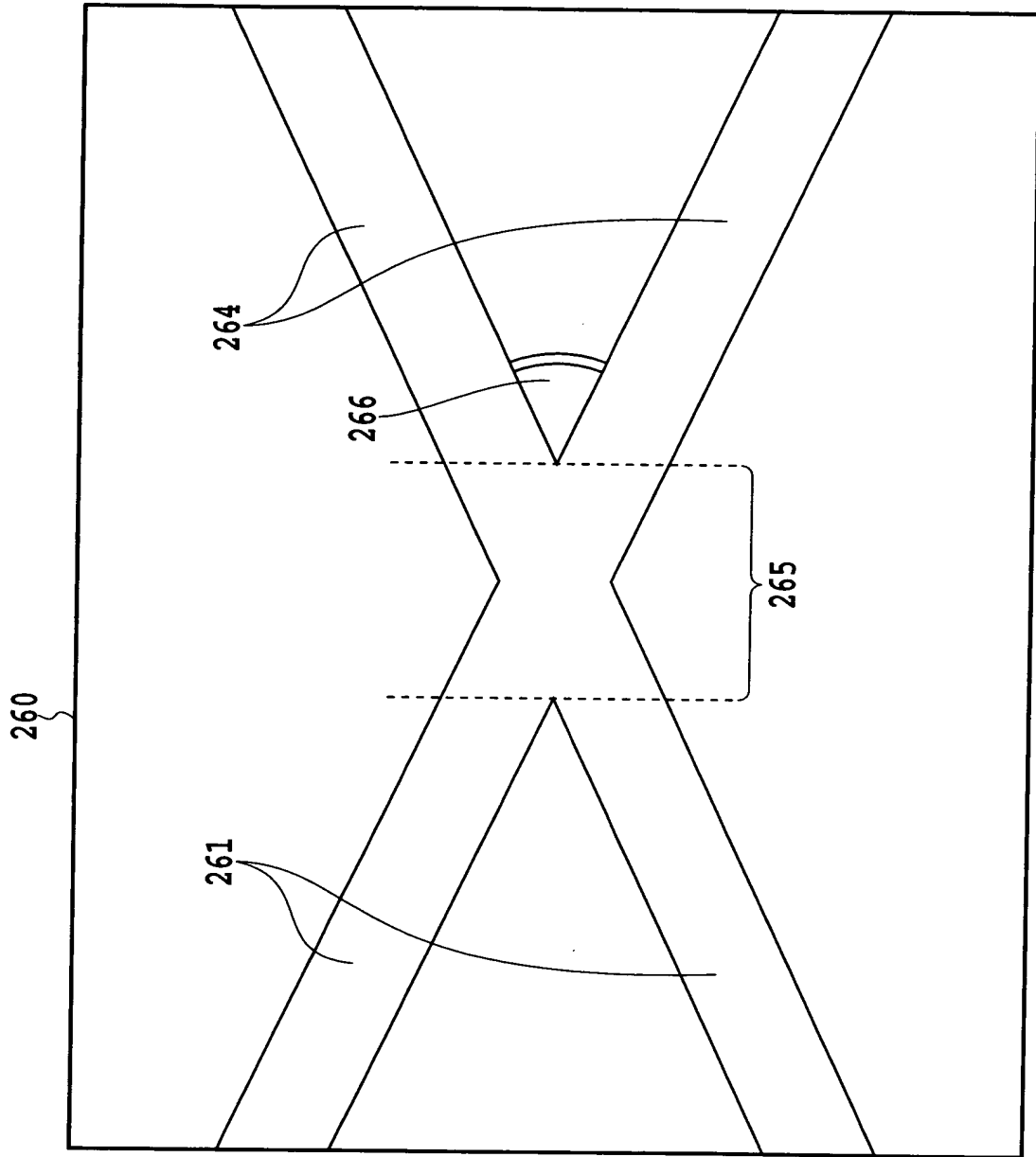


FIG.41

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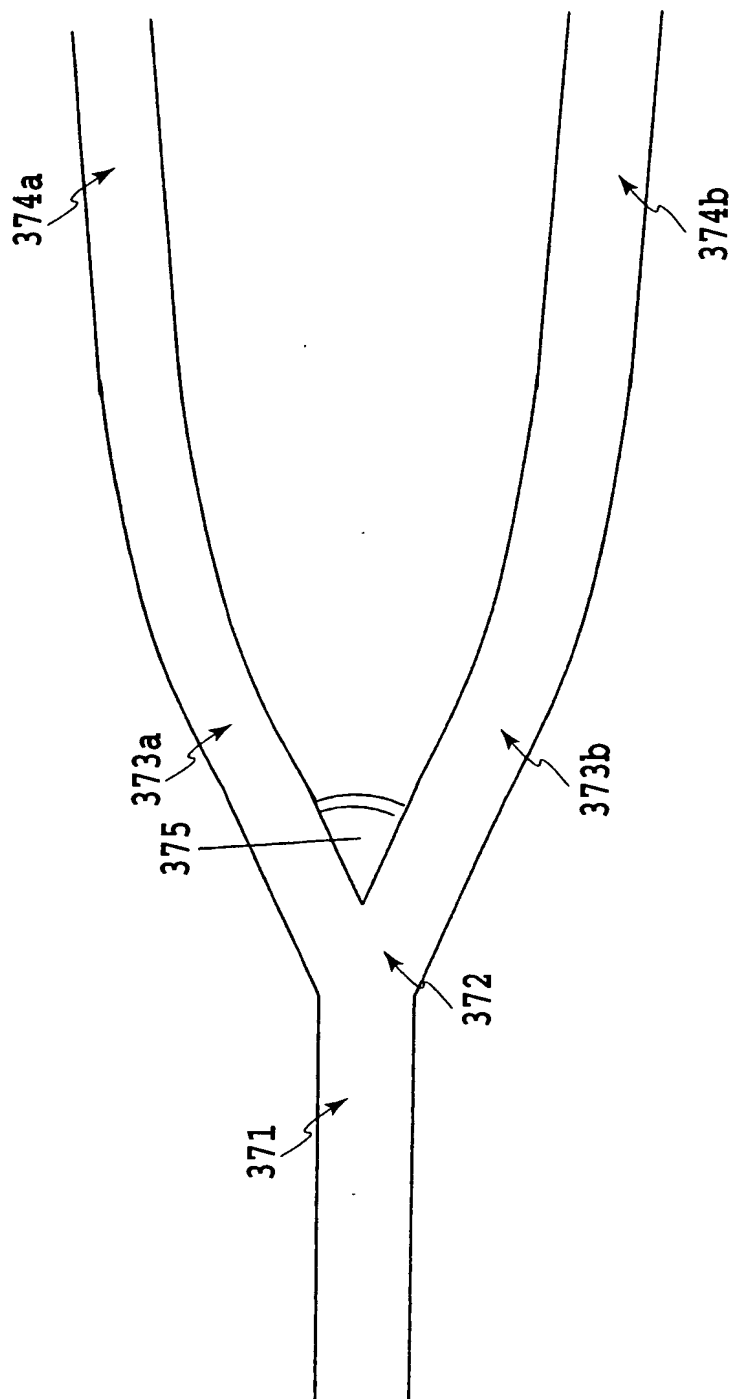


FIG.42

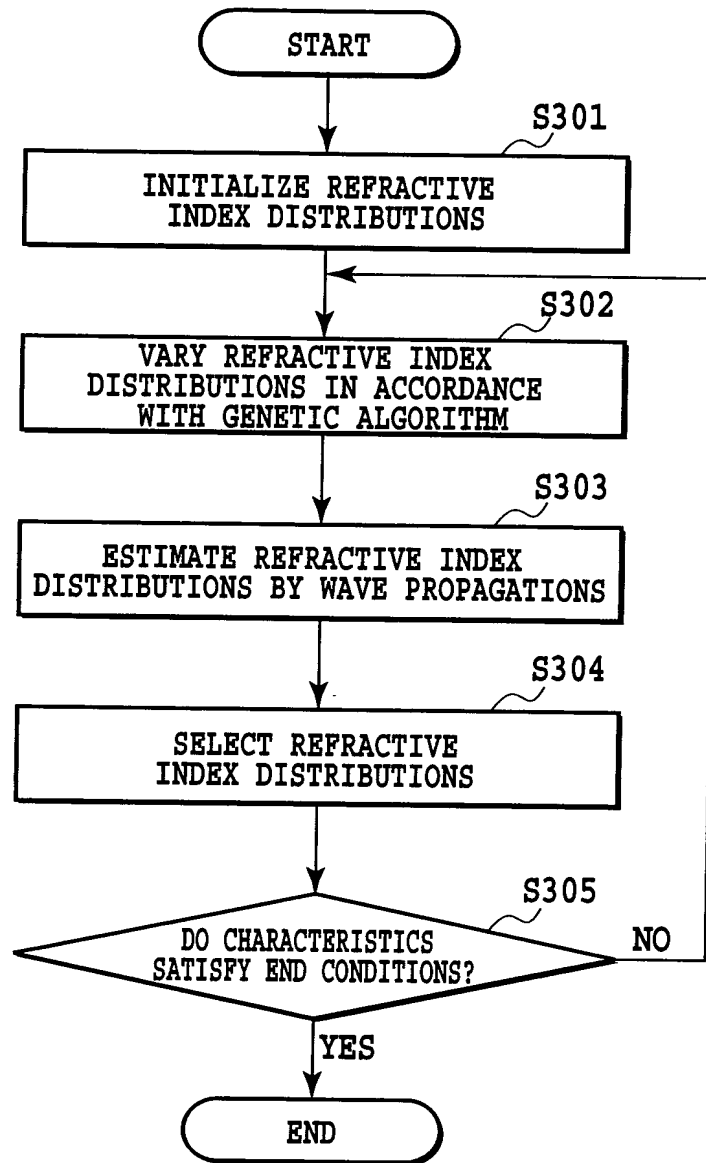


FIG.43

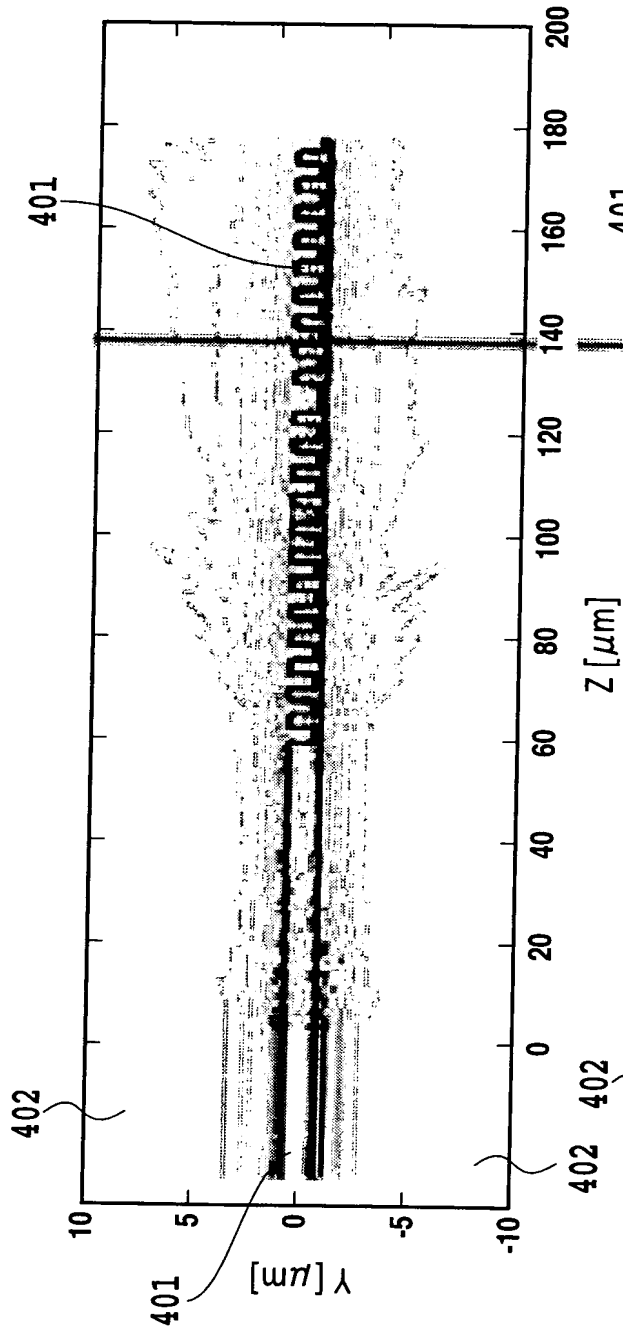


FIG. 44A

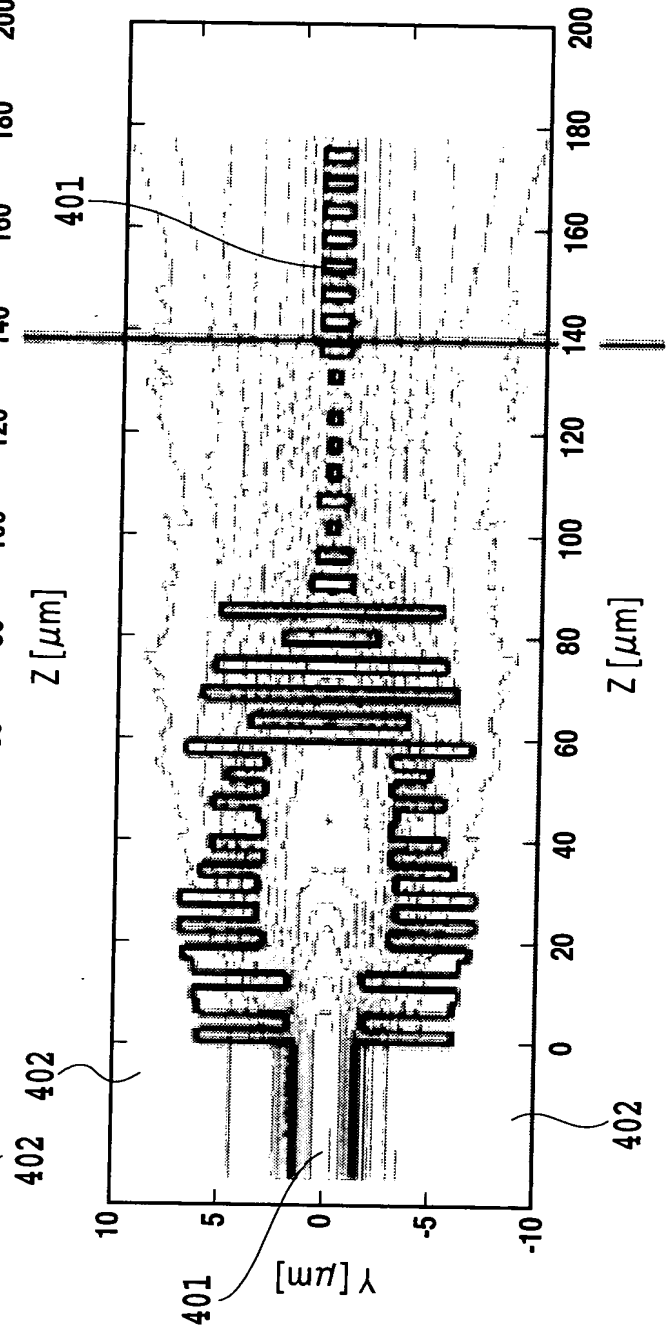


FIG. 44B